

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐  
(highlight changes)

001

<b>APPLICATION FOR PERMIT TO DRILL</b>				5. MINERAL LEASE NO: <b>ML-38666</b>	6. SURFACE: <b>State</b>
1A. TYPE OF WORK: <b>DRILL</b> <input checked="" type="checkbox"/> <b>REENTER</b> <input type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>N/A</b>	
B. TYPE OF WELL: <b>OIL</b> <input type="checkbox"/> <b>GAS</b> <input checked="" type="checkbox"/> <b>OTHER</b> _____ <b>SINGLE ZONE</b> <input type="checkbox"/> <b>MULTIPLE ZONE</b> <input type="checkbox"/>				8. UNIT or CA AGREEMENT NAME: <b>Drunkards Wash UTU-67921X</b>	
2. NAME OF OPERATOR: <b>ConocoPhillips Company</b>				9. WELL NAME and NUMBER: <b>Utah 18-904</b>	
3. ADDRESS OF OPERATOR: <b>P.O. Box 851</b> <b>Price</b> <b>UT</b> <b>84501</b>			PHONE NUMBER: <b>(435) 613-9777</b>	10. FIELD AND POOL, OR WILDCAT: <b>Drunkards Wash</b>	
4. LOCATION OF WELL (FOOTAGES)  AT SURFACE: <b>2482' FNL, 2346' FWL</b>  AT PROPOSED PRODUCING ZONE:				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SENW 18 15S 10E S</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: <b>5.6 miles southwest of Price, Utah</b>				12. COUNTY: <b>Carbon</b>	13. STATE: <b>UTAH</b>
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) <b>980'</b>		16. NUMBER OF ACRES IN LEASE: <b>921.98</b>		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: <b>NA</b>	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) <b>1300'</b>		19. PROPOSED DEPTH: <b>2,520</b>		20. BOND DESCRIPTION: <b>Rotary</b>	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): <b>5666.6</b> <i>GR</i>		22. APPROXIMATE DATE WORK WILL START: <b>8/1/2005</b>		23. ESTIMATED DURATION:	

**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
15"	12 3/4" Conductor	40	
11"	8 5/8" J-55 24#/ft	252	109 sks G+2% CaCl 1/4#/skD29
7 7/8"	5 1/2" N-80 17#/ft	2,510	100 sks 50/50 POZ 8%D20,10% D44,2%S001 1/4#/skD29
			90 sks 10-1 RFC Tail

**ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER     | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN                                   |
| <input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER | <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

NAME (PLEASE PRINT) Jean Semborski TITLE Construction Supervisor  
SIGNATURE *Jean Semborski* DATE 4/26/05

(This space for State use only)

API NUMBER ASSIGNED: 43-007-31026

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

Date: 06-14-05  
By: *[Signature]*  
(See Instructions on Reverse Side)

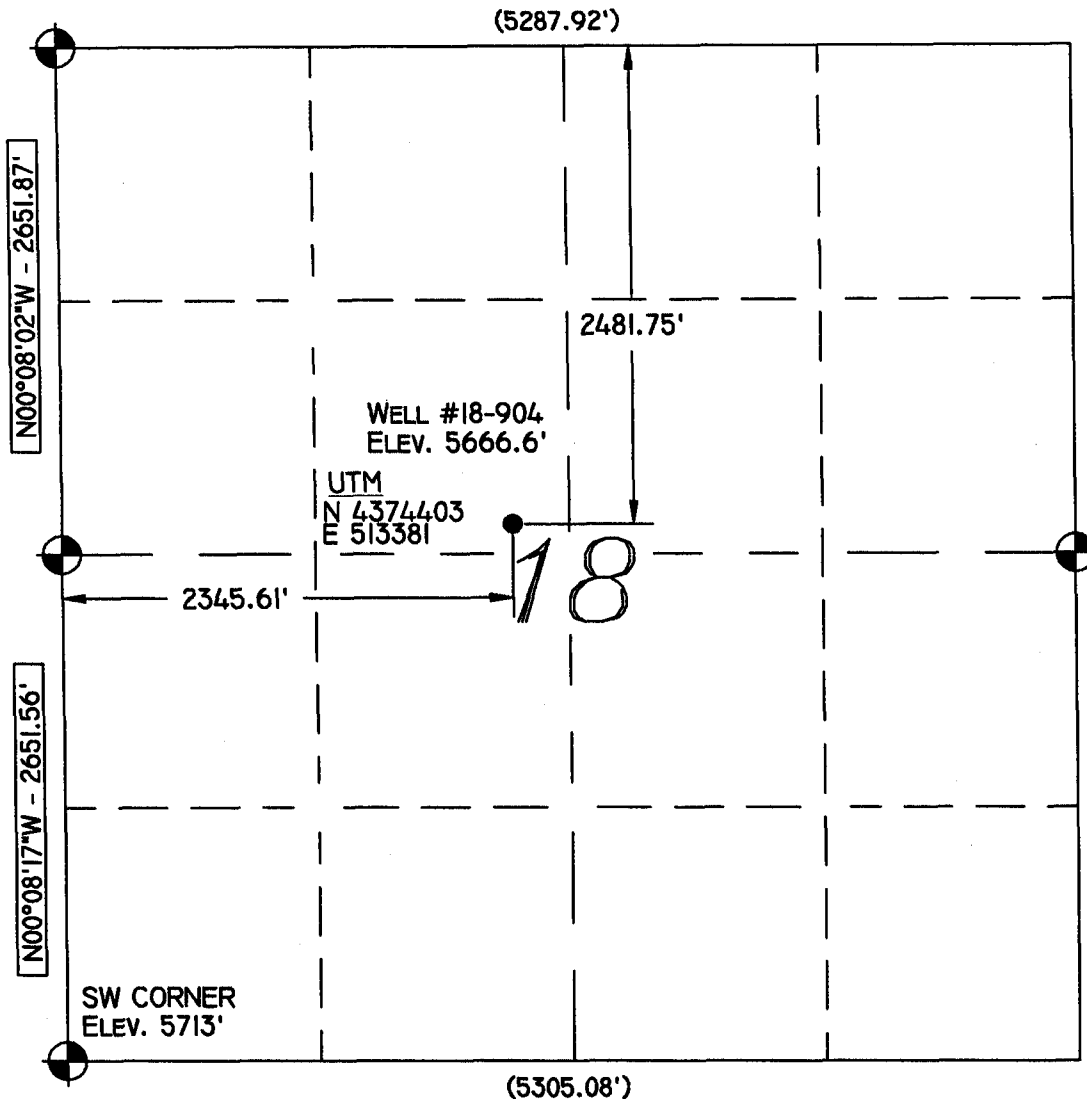
**RECEIVED**

**MAY 06 2005**

DIV. OF OIL, GAS & MINING

# Range 10 East

Township 15 South



## Location:

THE WELL LOCATION WAS DETERMINED USING A TRIMBLE 4700 GPS SURVEY GRADE UNIT.

## Basis of Bearing:

THE BASIS OF BEARING IS GPS MEASURED.

## GLO Bearing:

THE BEARINGS INDICATED ARE PER THE RECORDED PLAT OBTAINED FROM THE U.S. LAND OFFICE.

## Basis of Elevation:

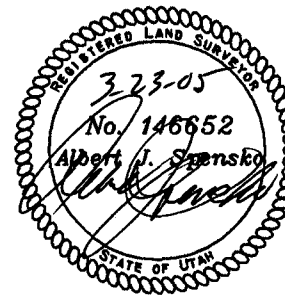
BASIS OF ELEVATION OF 5713' BEING AT THE SOUTHWEST SECTION CORNER OF SECTION 18, TOWNSHIP 15 SOUTH, RANGE 10 EAST, SALT LAKE BASE AND MERIDIAN, AS SHOWN ON THE PRICE QUADRANGLE 7.5 MINUTE SERIES MAP.

## Description of Location:

PROPOSED DRILL HOLE LOCATED IN THE SE1/4 NW1/4 OF SECTION 18, T15S, R10E, S.L.B.&M., BEING 2481.75' SOUTH AND 2345.61' EAST FROM THE NORTHWEST SECTION CORNER OF SECTION 18, T15S, R10E, SALT LAKE BASE & MERIDIAN.

## Surveyor's Certificate:

I, Albert J. Spensko, a Registered Professional Land Surveyor, holding Certificate 146652 State of Utah, do hereby certify that the information on this drawing is a true and accurate survey based on data of record and was conducted under my personal direction and supervision as shown hereon.



## TALON RESOURCES, INC.

195 North 100 West P.O. Box 1230  
Huntington, Utah 84528  
Phone (435) 687-5310 Fax (435) 687-5311  
E-Mail talonnetv.net

## ConocoPhillips Company

WELL UTAH #18-904  
Section 18, T15S, R10E, S.L.B.&M.  
Carbon County, Utah

Drawn By: N. BUTKOVICH	Checked By: L.W.J./A.J.S.
Drawing No. A-1	Date: 3/21/05
	Scale: 1" = 1000'
Sheet 1 of 4	Job No. 1672

Exhibit "A" 1 of 3

## LEGEND

- DRILL HOLE LOCATION
- ⊙ METAL CAP (FOUND)
- BRASS CAP (SEARCHED FOR, BUT NOT FOUND)
- △ CALCULATED CORNER
- ( ) GLO

## NOTES:

1. UTM AND LATITUDE / LONGITUDE COORDINATES ARE DERIVED USING A GPS PATHFINDER AND ARE SHOWN IN NAD 27 DATUM.

LAT / LONG  
39°31'15.775"N  
110°50'39.574"W

GPS MEASURED

## GRAPHIC SCALE

0 500' 1000'  
( IN FEET )  
1 inch = 1000 ft.

**From:** Ed Bonner  
**To:** Whitney, Diana  
**Date:** 6/13/2005 1:48:02 PM  
**Subject:** Well Clearance

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

ConocoPhillips  
Utah 24-902  
Utah 28-903  
Utah 18-904

Westport Oil & Gas Company  
NBU 921-25D  
NBU 921-33N  
NBU 922-36B  
North Bench State 42-16  
North Bench State 44-16

QEP Uinta Basin, Inc  
RW 14-36AMU  
WK 1ML-2-9-24  
WK 3ML-2-9-24  
WK 7ML-2-9-24  
WK 13ML-2-9-24  
WK 15ML-2-9-24

If you have any questions regarding this matter please give me a call.

**CC:** Garrison, LaVonne; Hill, Brad; Hunt, Gil



ConocoPhillips Company  
6825 S. 5300 W.  
Price, UT 84501

April 18, 2005

Ms Diana Whitney  
State of Utah  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
SLC, Utah 84114-5801

RE: Application for Permit to Drill-  
Utah 18-904, SE/4 NW/4 Sec. 18  
T15S, R10E, SLB & M, Carbon County, Utah

Dear Ms. Whitney:

Enclosed is the original of the *Application for Permit to Drill* (APD). Included with the APD is the following information:

- Exhibit "A"- Survey Plat of the Proposed Well Site;
- Exhibit "B" - Proposed Location Map with Pipeline, Power, and Road Access;
- Exhibit "C" - Drilling Site Layout;
- Exhibit "D" - Drilling Information
- Exhibit "E" - Multipoint Surface Use Plan
- Exhibit "F" - Typical Road Cross-section;
- Exhibit "G" - BOP Diagram;
- Exhibit "H" - Typical Wellhead Manifold;
- Exhibit "T" - Evidence of Bond;

RECEIVED  
MAY 06 2005  
DIV. OF OIL, GAS & MINING

COPY

CONFIDENTIAL

Utah 18-904  
April 18, 2005  
Page Two

The proposed well is located within the Drunkards Wash Federal Unit more than 460 feet from the unit boundary and from the boundary of any uncommitted tract within the Unit Area and will not require the administrative approval in accordance with Utah Administrative Code Rule R649-3-3. The proposed location is 2,482' FNL and 2,346' FWL of Section 18, T15S, R10E.

Please accept this letter as ConocoPhillips' written request for confidential treatment of all information contained in and pertaining to this permit application, if said information is eligible for such consideration.

Thank you very much for your timely consideration of this application. Please feel free to contact me if you have any questions.

Sincerely,



Jean Semborski  
Construction Supervisor

cc: Mr. Eric Jones, BLM, Moab, Utah  
Mr. Gene Herrington, Texaco  
Mr. John Lennon, Dominion Resources  
Mr. Don Stephens, BLM, Price, Utah  
Ms. Jane Strickland, ConocoPhillips  
Mr. Kile Thompson, ConocoPhillips  
Mr. Mark Jones, DOGM, Price, Utah  
ConocoPhillips Well File

**EXHIBIT "D"**  
**DRILLING PROGRAM**

Attached to Form 3  
ConocoPhillips Company  
Utah 18-904  
SE/4NW/4, Sec. 18, T15S, R10E, SLB & M  
2,482' FNL, 2,346' FWL  
Carbon County, Utah

1. The Surface Geologic Formation

Mancos Shale

2. Estimated Tops of Important Geologic Markers

Blue Gate/Ferron      1695'

3. Projected Gas & H2O zones (Ferron Formation)

Coals and sandstones 1712' - 1850'

No groundwater is expected to be encountered.

Casing & cementing will be done to protect potentially productive hydrocarbons, lost circulation zones, abnormal pressure zones, and prospectively valuable mineral deposits. All indications of usable water will be reported.

Surface casing will be tested to 1400 psi.

4. The Proposed Casing and Cementing Programs

HOLE <u>SIZE</u>	SETTING DEPTH <u>(INTERVAL)</u>	SIZE <u>(OD)</u>	WEIGHT, GRADE & <u>JOINT</u>	NEW, <u>USED</u>
15"	40'	12-3/4"	Conductor	New
11"	252'	8-5/8"	24#ST&C	New
7-7/8"	2510'	5-1/2	17#LT&C	New

Cement Program -

Surface Casing:      109 sks G+2%CaCl+1/4#per sack flocel;15.8#/gal,density,  
1.15 cu.ft/sk yield. Every attempt will be made to bring  
cement back to surface.

Production Casing:      100 sks 50/50 poz 8%gel +2%CaCl+10%extender;12.5#/gal,  
density, 1.92 cu.ft/sk yield.

90 sks "G" thixotropic, 14.2#/gal density, 1.61 cu.ft/sk yield

The following shall be entered in the driller's log:

- 1) Blowout preventer pressure tests, including test pressures and results;
- 2) Blowout preventer tests for proper functioning;
- 3) Blowout prevention drills conducted;
- 4) Casing run, including size, grade, weight, and depth set;
- 5) How the pipe was cemented, including amount of cement, type, whether cement circulated, location of the cementing tools, etc.;
- 6) Waiting on cement time for each casing string;
- 7) Casing pressure tests after cementing, including test pressures and results.

5. The Operator's Minimum Specifications for Pressure Control

Exhibit "G" is a schematic diagram of the blowout preventer equipment. A double gate 3000 psi BOPE will be used with a rotating head. This equipment will be tested to 2000 psi. All tests will be recorded in a Driller's Report Book. Physical operation of BOP's will be checked on each trip.

6. The Type and Characteristics of the Proposed Circulating Muds

0-300	11" hole	Drill with air, will mud-up if necessary.
300-TD	7 7/8" hole	Drill with air. 400 psi @ 1500-1800 Scf.

7. The Testing, Logging and Coring Programs are as followed

300-TD      Gamma Ray, Density, Neutron Porosity, Induction, Caliper

Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well. Bottom hole pressure expected is 905 psi max. No hydrogen sulfide or other hazardous gases or fluids have been found, reported or are known to exist at these depths in the area.

8. Anticipated Starting Date and Duration of the Operations.

The well will be drilled around August 2005.

Verbal and/or written notifications listed below shall be submitted in accordance with instructions from the Division of Oil, Gas & Mining:

- (a) prior to beginning construction;
- (b) prior to spudding;
- (c) prior to running any casing or BOP tests;
- (d) prior to plugging the well, for verbal plugging instructions.

Spills, blowouts, fires, leaks, accidents or other unusual occurrences shall be reported to the Division of Oil, Gas & Mining immediately.



**EXHIBIT "E"**  
**MULTIPOINT SURFACE USE PLAN**

Attached to Form 3  
ConocoPhillips Company  
Utah 18-904  
SE/4NW4, Sec. 18, T15S, R10E, SLB & M  
2,482' FNL, 2,346' FWL  
Carbon County, Utah

**1. Existing Roads**

- a. There is no plan to change, alter or improve upon any existing state or county roads.
- b. Existing roads will be maintained in the same or better condition. See Exhibit "B".

**2. Planned Access**

Approximately 600' of new access is required (See Exhibit "B")

- a. Maximum Width: 24' travel surface with 27' base
- b. Maximum grade: 2%
- c. Turnouts: None
- d. Drainage design: 2 culvert(s) may be required. Water will be diverted around well pad as necessary.
- e. If the well is productive, the road will be surfaced and maintained as necessary to prevent soil erosion and accommodate year-round traffic.
- f. Pipe and Power lines will follow the proposed access road.

**3. Location of Existing Wells**

- a. See Exhibit "B". There are 0 proposed and 13 existing wells within a one-mile radius of the proposed location.

**4. Location of Existing and/or Proposed Facilities**

- a. If the well is a producer, installation of production facilities will be as shown on Exhibit "H". Buried powerlines run along access on the east and north, gathering lines on the south or west.
- b. Rehabilitation of all pad areas not used for production facilities will be made in accordance with landowner stipulations.

## **5. Location and Type of Water Supply**

- a. Water to be used for drilling will be purchased from the Price River Water Improvement District (a local source of municipal water) (tel. 435-637-6350).
- b. Water will be transported by truck over approved access roads.
- c. No water well is to be drilled for this location.

## **6. Source of Construction Materials**

- a. Any necessary construction materials needed will be obtained locally and hauled to the location on existing roads.
- b. No construction or surfacing materials will be taken from Federal/Indian land.

## **7. Methods for handling waste disposal**

- a. As the well will be air drilled, a small reserve pit will be constructed with a minimum of one-half the total depth below the original ground surface on the lowest point within the pit. The pit will not be lined unless conditions encountered during construction warrant it or if deemed necessary by the DOGM representative during the pre-site inspection. Three sides of the reserve pit will be fenced within 24 hours after completion of construction and the fourth side within 24 hours after drilling operation cease with woven wire topped with barbed wire to a height of not less than four feet. The fence will be kept in good repair while the pit is drying.
- b. Following drilling, the liquid waste will be evaporated from the pit and the pit back-filled and returned to natural grade. No liquid hydrocarbons will be discharged to the reserve pit or location.
- c. In the event fluids are produced, any oil will be retained in tankage until sold and any water produced will be retained until its quality can be determined. The quality and quantity of the water will determine the method of disposal.
- d. Trash will be contained in a portable metal container and will be hauled from location periodically and disposed of at an approved disposal site. Chemical toilets will be placed on location and sewage will be disposed of at an appropriate disposal site.

## **8. Ancillary Facilities**

- a. No ancillary facilities are anticipated with the exception of one trailer to be located on the drill site.

## **9. Wellsite Layout**

- a. Available topsoil will be removed from the location and stockpiled. Location of mud tanks, reserve and berm pits, and soil stockpiles will be located as shown on the attachments.
- b. A blooie pit will be located 100' from the drill hole. A line will be placed on the surface from the center hole to the pit. The pit will not be lined, but will be fenced on four sides to protect livestock/wildlife.
- c. Access to the well pad will be as shown on Exhibit "B".
- d. Natural runoff will be diverted around the well pad.

## **10. Plans for Restoration of Surface**

- a. All surface areas not required for producing operations will be graded to as near original condition as possible and contoured to maintain possible erosion to a minimum.
- b. Available topsoil will be stockpiled and will be evenly distributed over the disturbed areas and the area will be reseeded as prescribed by the landowner.
- c. Pits and any other area that would present a hazard to wildlife or livestock will be fenced off when the rig is released and removed.

## **11. Surface Ownership:**

- a. The wellsite and access road will be constructed on lands owned by the School and Institutional Trust Lands Administration. The operator shall contact the landowner representative and the Division of Oil, Gas and mining 48 hours prior to beginning construction activities.

**12. Other Information:**

- a. The primary surface use is farming and grazing. The nearest dwelling is approximately 2,400 feet to the southwest.
- b. Nearest live water is Miller Creek located 800' southeast.
- c. If there is snow on the ground when construction begins, it will be removed before the soil is disturbed and piled downhill from the topsoil stockpile location.
- d. The backslope and foreslope will be constructed no steeper than 4:1.
- e. All equipment and vehicles will be confined to the access road and well pad.
- f. A complete copy of the approved Application for Permit to Drill (APD) including conditions and stipulations, shall be on the wellsite during construction and drilling operations

There will be no deviation from the proposed drilling and/or workover program without prior approval from the Division of Oil, Gas & Mining.

### 13. Company Representative

Jean Semborski  
Construction Supervisor  
ConocoPhillips Company  
6825 S. 5300 W. P.O. Box 851  
Price, Utah 84501  
(435) 613-9777 ext. 21  
(435) 820-9807

Mail Approved A.P.D. To:

Company Representative

#### Excavation Contractor

Larry Jensen, Vice President  
Nelco Contractors Inc.  
Vice President  
(435) 637-3495  
(435) 636-5268

### 14. Certification

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct, and that the work associated with the operations proposed herein will be performed by ConocoPhillips Company and its subcontractors in conformity with this plan and the terms and conditions under which it is approved.

4/25/04  
Date

Jean Semborski  
Jean Semborski  
Construction Supervisor  
ConocoPhillips Company

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 4A

Bond No. 6196922

SURETY BOND

KNOW ALL MEN BY THESE PRESENTS:

That we (operator name) CONOCOPHILLIPS COMPANY as Principal,  
and

(surety name) SAFECO INSURANCE COMPANY OF AMERICA as Surety, duly authorized  
and qualified to do business in the State of Utah, are held and firmly bound unto the State of Utah in the sum of:

EIGHTY THOUSAND AND NO/100\*\*\*\*\* dollars (\$ 80,000.00 )  
lawful money of the United States, payable to the Director of the Division of Oil, Gas and Mining, as agent of the State of Utah, for the use and  
benefit of the State of Utah for the faithful payment of which we bind ourselves, our heirs, executors, administrators and successors, jointly and  
severally by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH THAT, WHEREAS the Principal is or will be engaged in the drilling, redrilling, deepening,  
repairing, operating, and plugging and abandonment of a well or wells and restoring the well site or sites in the State of Utah for the purposes of  
oil or gas production and/or the injection and disposal of fluids in connection therewith for the following described land or well:

☒ Blanket Bond: To cover all wells drilled in the State of Utah

☐ Individual Bond: Well No: \_\_\_\_\_  
Section: \_\_\_\_\_ Township: \_\_\_\_\_ Range: \_\_\_\_\_  
County: \_\_\_\_\_, Utah

NOW, THEREFORE, if the above bounden Principal shall comply with all the provisions of the laws of the State of Utah and the rules, orders and  
requirements of the Board of Oil, Gas and Mining of the State of Utah, including, but not limited to the proper plugging and abandonment of wells  
and well site restoration, then this obligation is void; otherwise, the same shall be and remain in full force and effect.

IN TESTIMONY WHEREOF, said Principal has hereunto subscribed its name and has caused this instrument to be signed by its duly authorized  
officers and its corporate or notary seal to be affixed this

30th day of Dec, 20 02.

(Corporate or Notary Seal here)  
  
Attestee: [Signature] Date: 12-30-02

CONOCOPHILLIPS COMPANY  
Principal (company name)  
By James F. Hughes Corporate Insurance  
Name (print) Title manager  
James F. Hughes  
Signature

IN TESTIMONY WHEREOF, said Surety has caused this instrument to be signed by its duly authorized officers and its corporate or notary seal  
to be affixed this

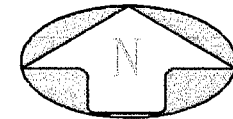
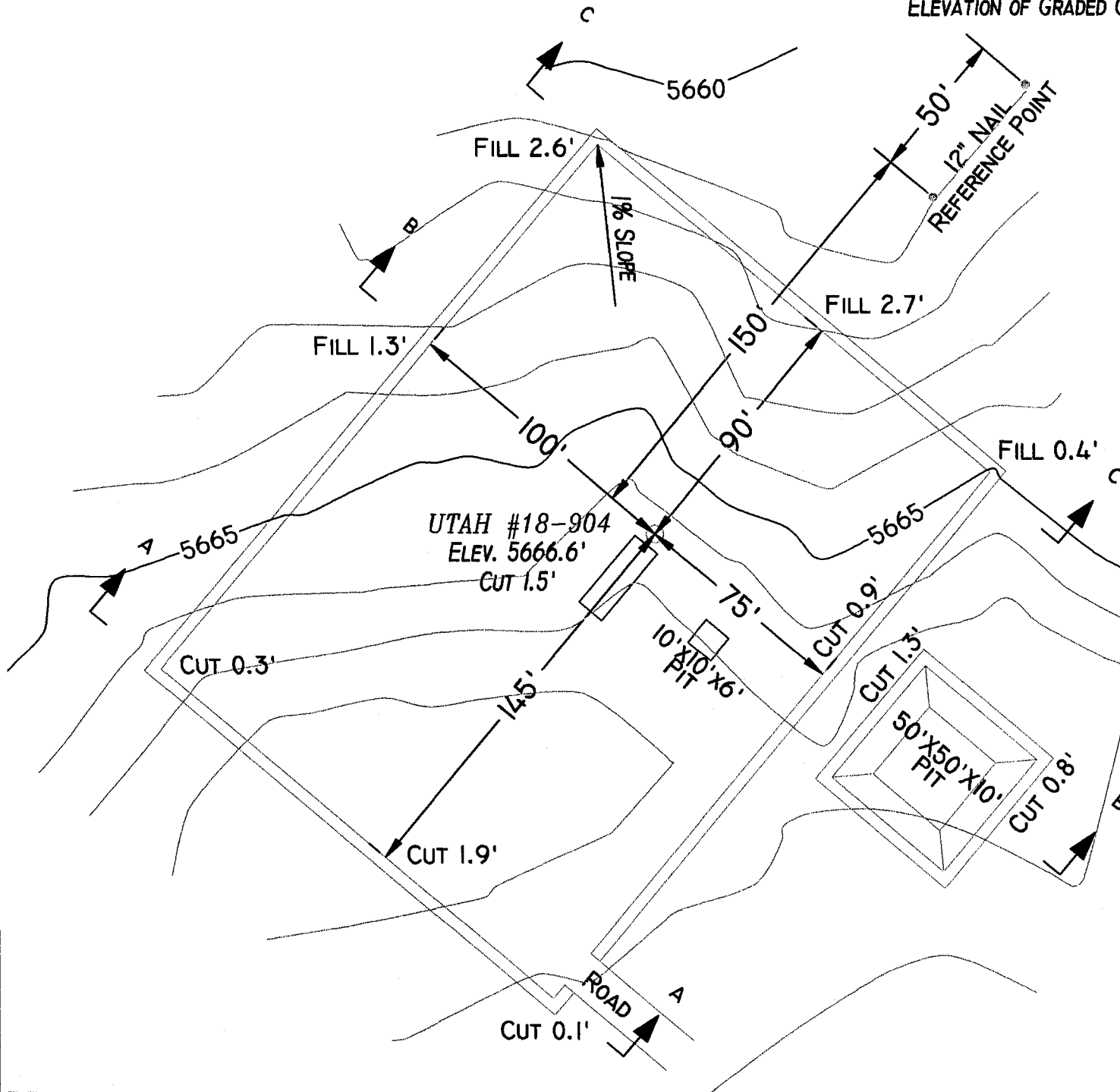
1ST day of JANUARY, 20 03.

SAFECO INSURANCE COMPANY OF AMERICA  
Surety Company (Attach Power of Attorney)  
By TINA MARIE FOSTER ATTORNEY-IN-FACT  
Name (print) Title  
Tina Marie Foster  
Signature  
C/O MARSH USA INC.  
Surety Mailing Address

(Corporate or Notary Seal here)  
  
Carolyn E. Wheeler  
Attestee: [Signature] Date: 12/20/2002  
CAROLYN E. WHEELER  
NOTARY PUBLIC  
MY COMMISSION EXPIRES: NOVEMBER 1, 2006  
(5/2002)

P.O. BOX 36012, KNOXVILLE, TN 37930-6012  
City State Zip

ELEVATION OF UNGRADED GROUND AT LOCATION STAKE = 5666.6'  
 ELEVATION OF GRADED GROUND AT LOCATION STAKE = 5665.1'



**Talon Resources, Inc.**

195 North 100 West P.O. Box 1230

Huntington, Utah 84528

Phone (435)687-5310 Fax (435)687-5311

E-Mail talon@trv.net

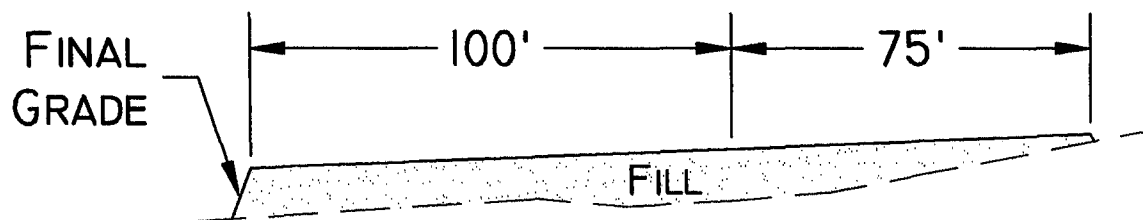
**ConocoPhillips Company**

**LOCATION LAYOUT**

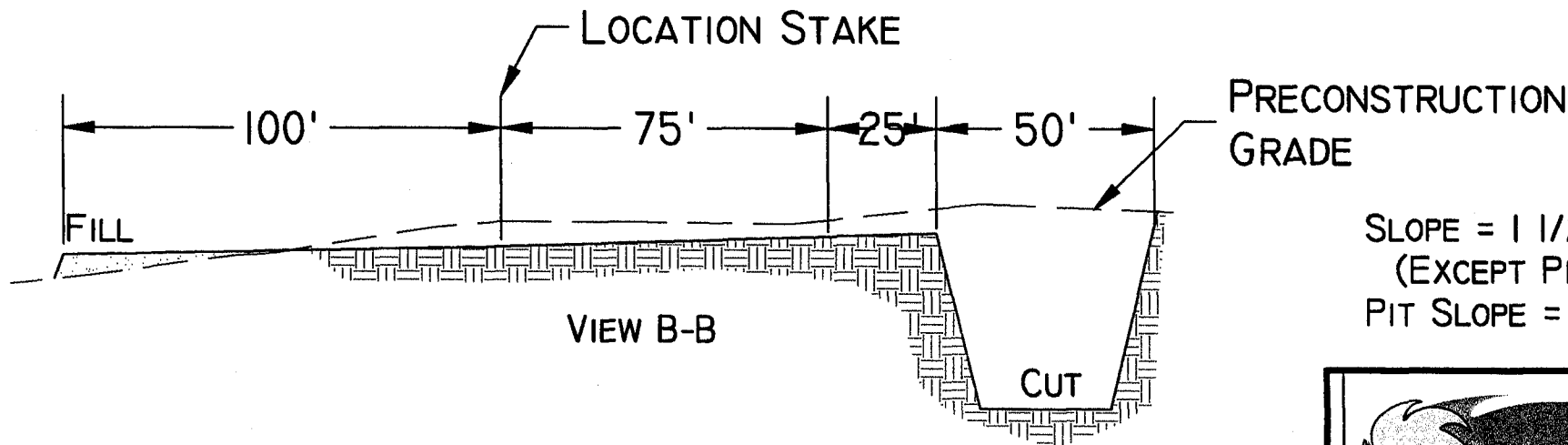
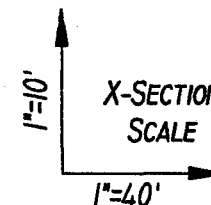
Section 18, T15S, R10E, S.L.B.&M.

**WELL UTAH #18-904**

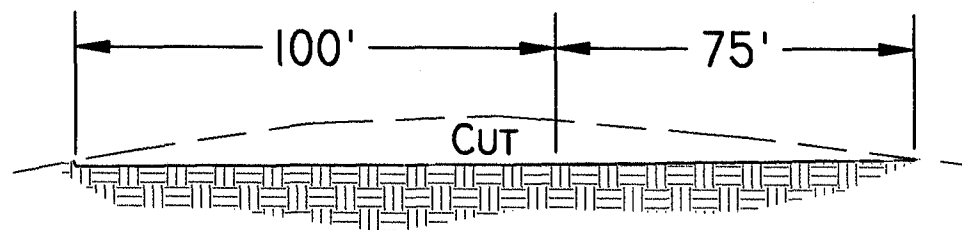
DRAWN BY: N. BUTKOVICH	CHECKED BY: L.W.J.
DRAWING No. <b>A-2</b>	DATE: 3/21/05
	SCALE: 1" = 50'
SHEET 2 of 4	JOB No. 1672



VIEW C-C



VIEW B-B



VIEW A-A

SLOPE = 1 1/2 : 1  
(EXCEPT PIT)  
PIT SLOPE = 1 : 1



**Talon Resources, Inc.**

195 North 100 West P.O. Box 1230  
Huntington, Utah 84528  
Phone (435)687-5310 Fax (435)687-5311  
E-Mail talonectv.net

**ConocoPhillips Company**

TYPICAL CROSS SECTION  
Section 18, T15S, R10E, S.L.B.&M.  
WELL UTAH #18-904

DRAWN BY: N. BUTKOVICH	CHECKED BY: L.W.J.
DRAWING No. C-1	DATE: 3/21/05
	SCALE: 1" = 40'
SHEET 3 OF 4	JOB No. 1672

# APPROXIMATE YARDAGES

## CUT

(6") TOPSOIL STRIPPING = 810 CU. YDS.

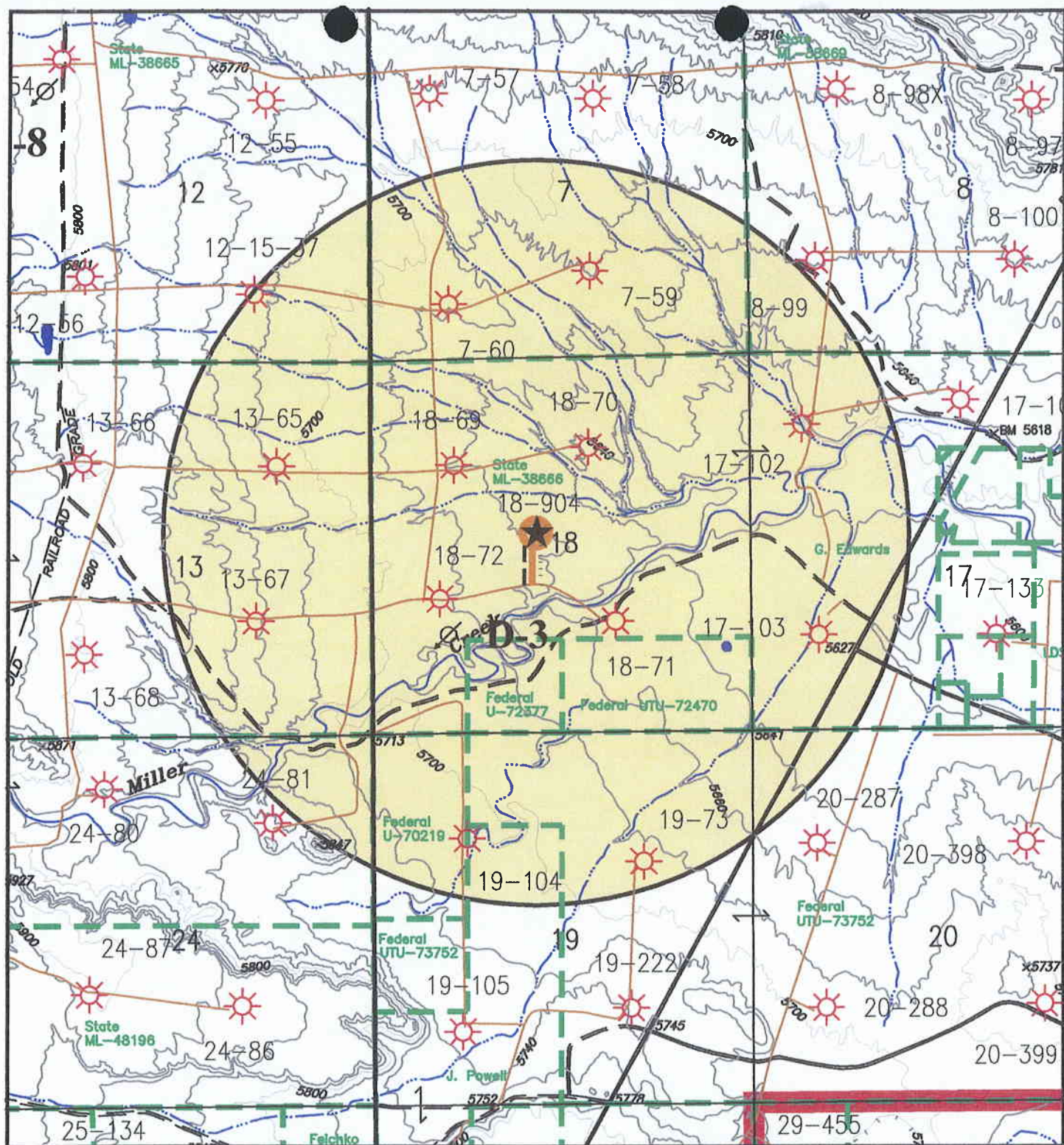
REMAINING LOCATION = 1,690 CU. YDS.

(INCLUDING TOPSOIL STRIPPING)

TOTAL CUT (INCLUDING PIT) = 2,450 CU. YDS.

TOTAL FILL = 795 CU. YDS.



**LEGEND**

Proposed Well Location:  
 Other Proposed Well Locations:  
 Proposed Powerline:  
 Proposed Pipeline:  
 Proposed Roads:  
 Lease Boundary:  
 Existing Wells:



Scale: 1" = 2000'

April 12, 2005

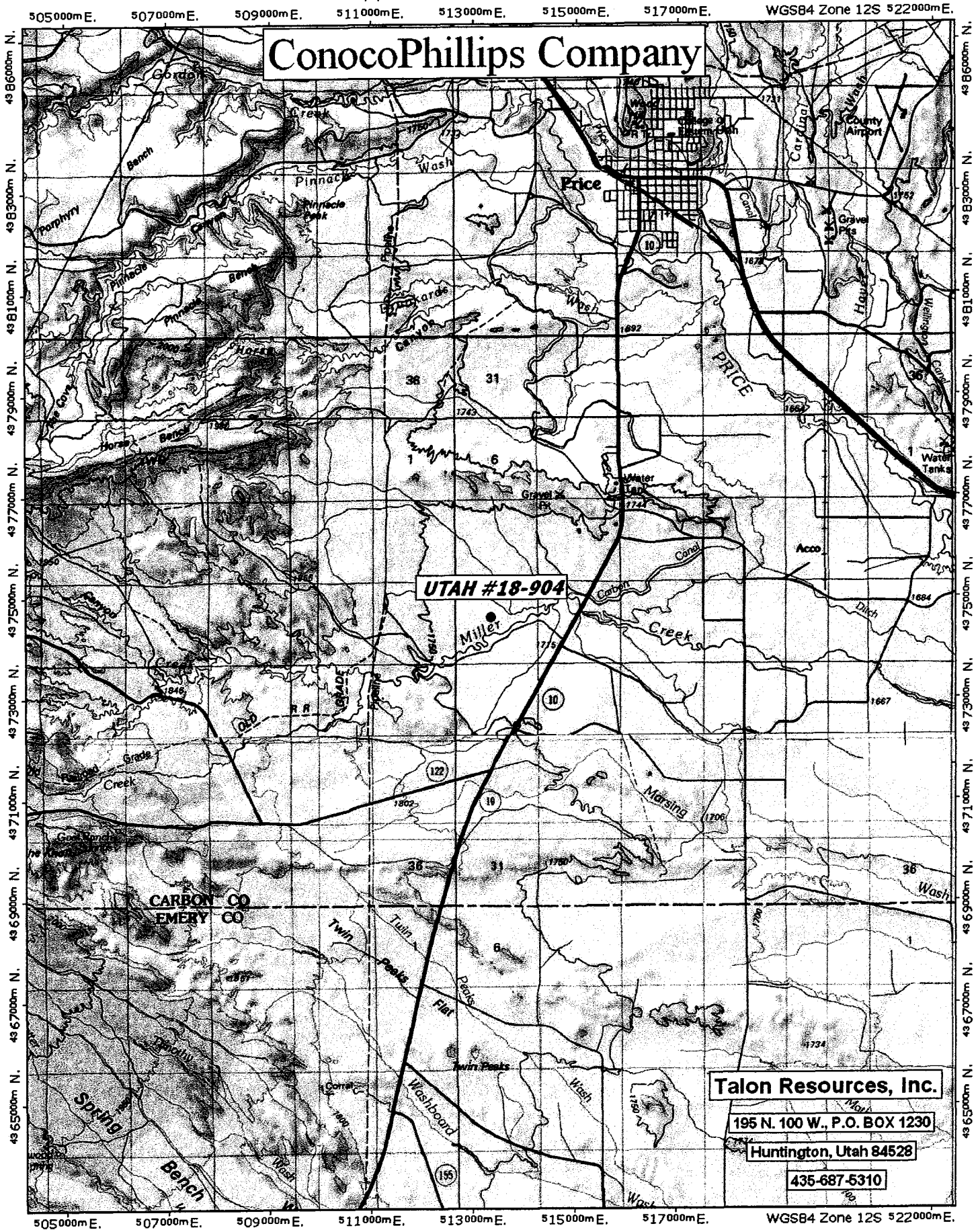
ConocoPhillips Company  
 6825 South 5300 West  
 P.O. Box 851  
 Price, Utah 84501  
 Phone: (435) 613-9777  
 Fax: (435) 613-9782

**ConocoPhillips  
 Company**

**WELL # 18-904**  
**Section 18, T15S, R10E, S.L.B.&M.**  
**Exhibit B 1 of 2**



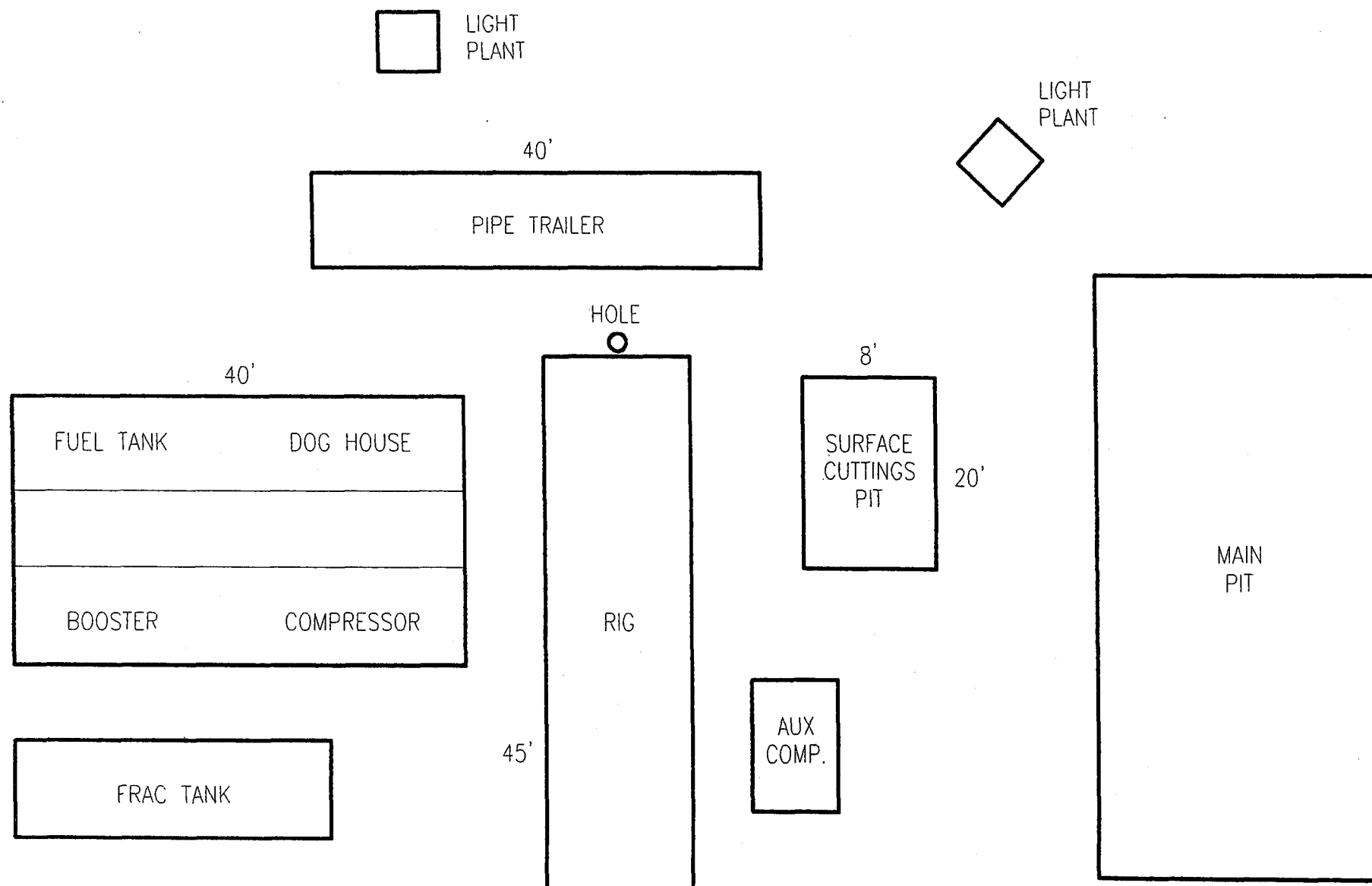
TOPOI map printed on 03/22/05 from "Phillips-18-904.tpo"



TN \* MN  
12 1/2°

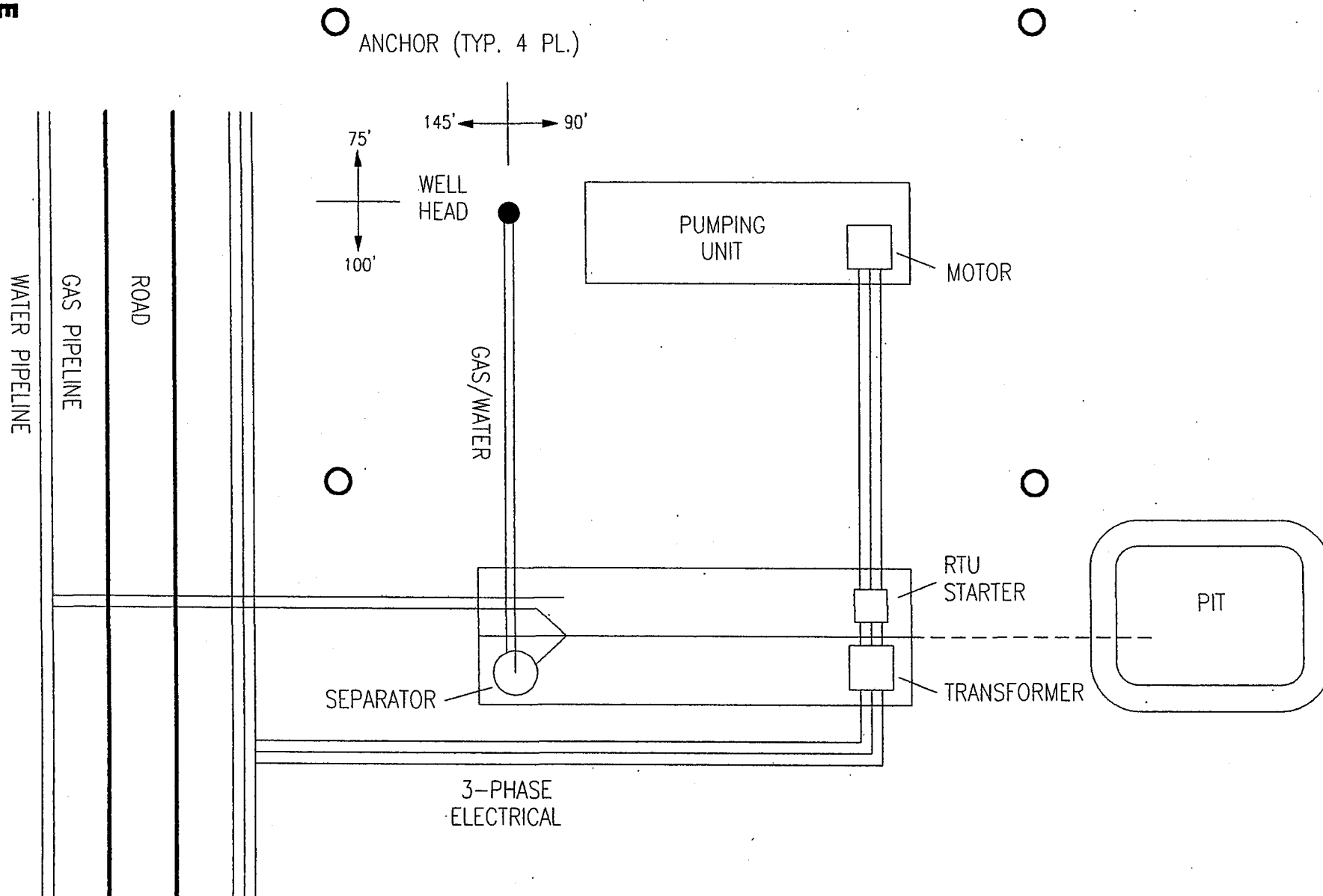
0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 miles  
0 1 2 3 4 5 km

# APPROXIMATE LAYOUT OF RIG & EQUIPMENT

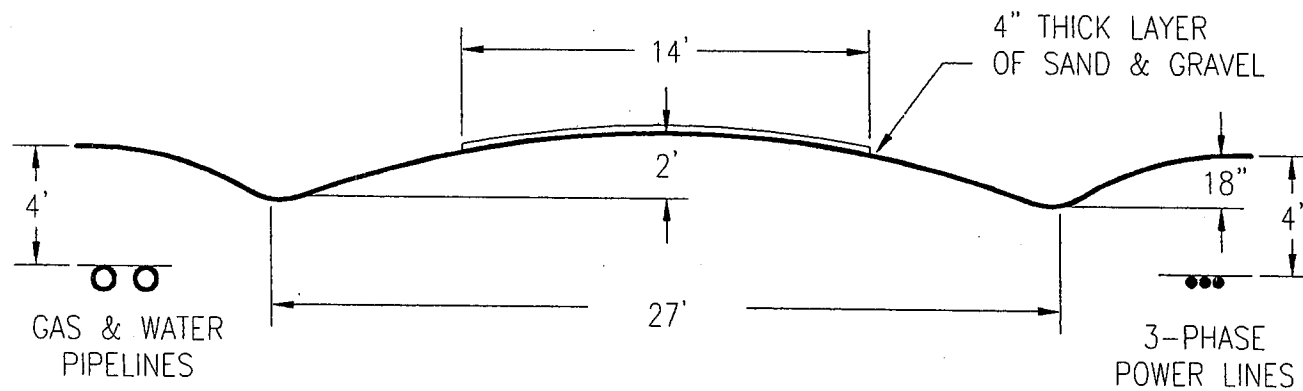


# CONOCOPHILLIPS

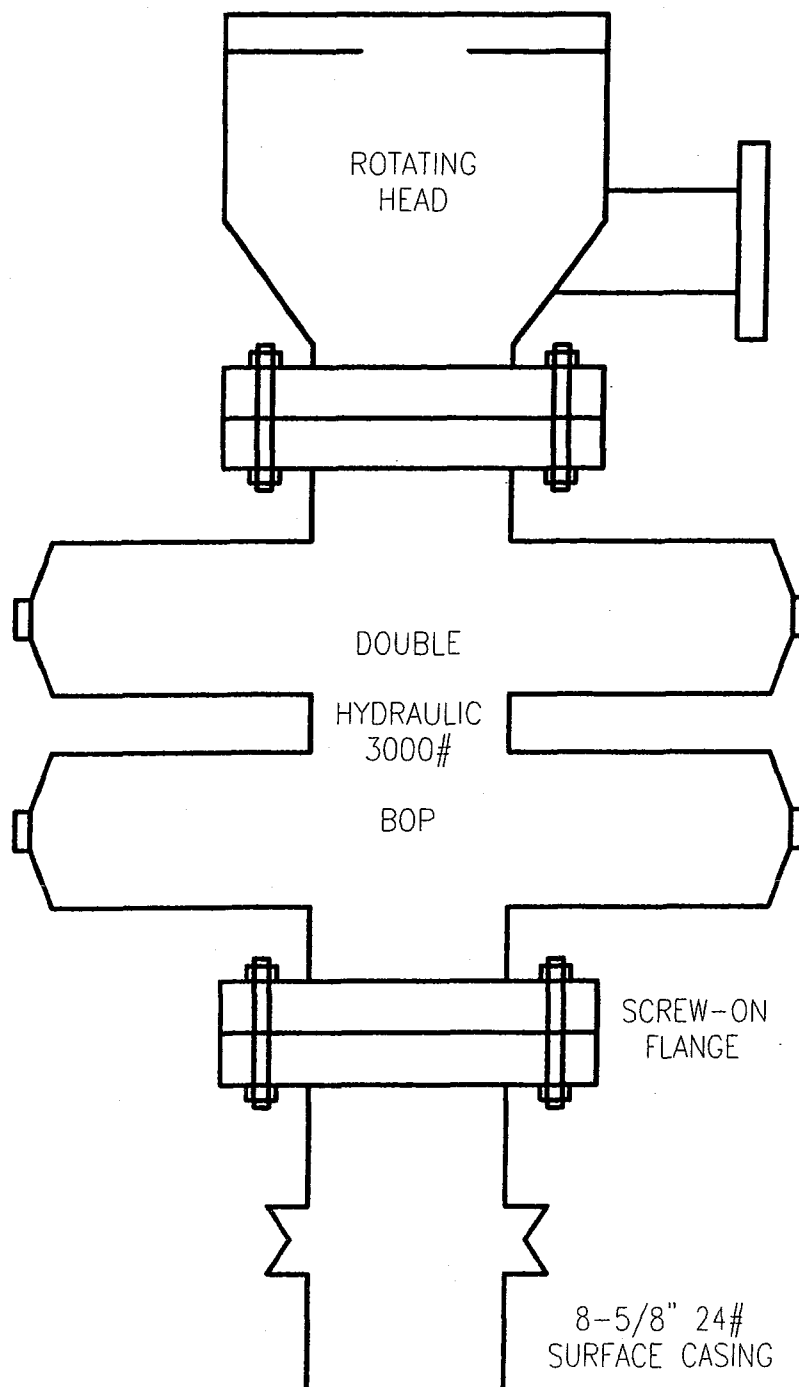
WELL SITE LAYOUT (235' x 175')



# TYPICAL ROAD CROSS-SECTION



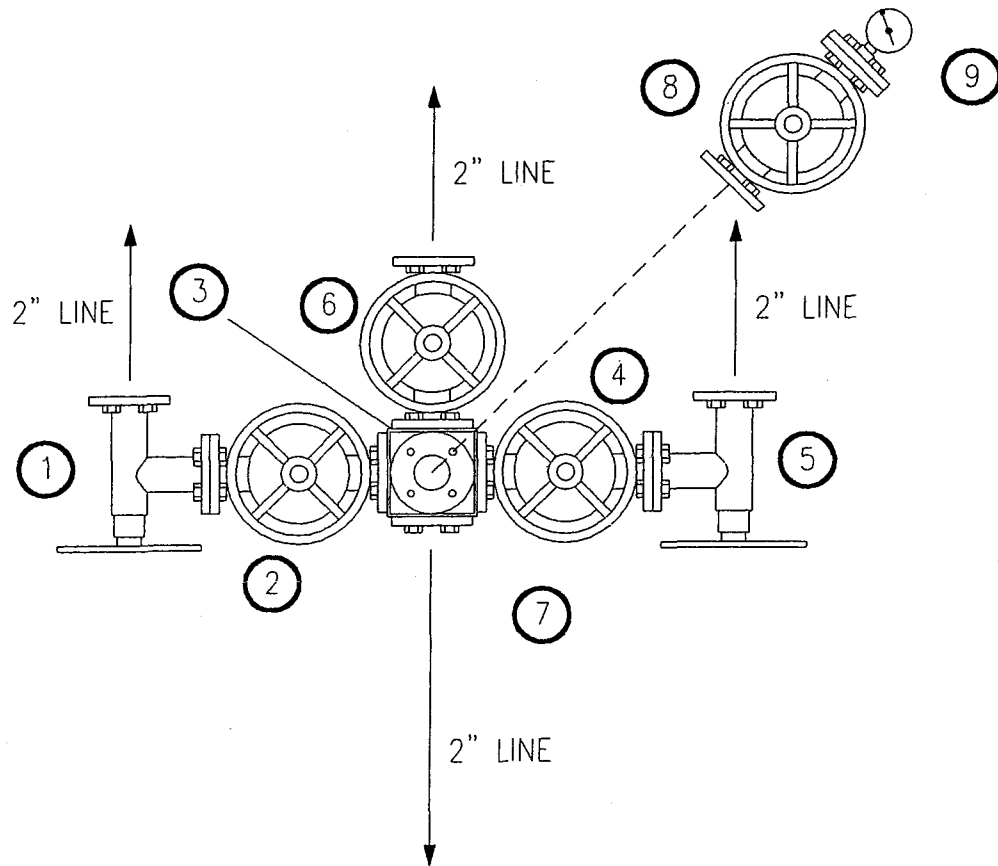
## DIVERTER HEAD



- (1) 2" 5M FLANGED CHOKE
- (2) 2" 5M GATE VALVE (FLANGED)
- (3) 2" 5M STUDDED CROSS
- (4) 2" 5M GATE VALVE (FLANGED)
- (5) 2" 5M FLANGED CHOKE
- (6) 2" 5M GATE VALVE (FLANGED)
- (7) 2" LINE
- (8) 2" 5M GATE VALVE (FLANGED)
- (9) 3000# GAUGE

NOTE:

NUMBER 8 GATE VALVE SITS ON TOP OF MANIFOLD BETWEEN STUDDED CROSS AND 3000# GAUGE.



TO BOP  
AND A NEW 2" BALL VALVE  
FULL OPEN 5000 PSI

MANIFOLD

**EXHIBIT H**



ConocoPhillips Company  
6825 South 5300 West  
P.O. Box 851  
Price, UT 84501

May 20, 2005

Ms Diana Whitney  
State of Utah  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
SLC, Utah 84114-5801

RE: Archeology Report for Application for Permit to Drill- Telonis 19-171r, Telonis 19-900, Telonis 20-901, Utah 24-902, Utah 28-903, Utah 18-904, Utah 18-905, and Utah 36-906 SLB & M, Carbon County, Utah

Dear Ms. Whitney:

Enclosed are eight archeology reports prepared for the Telonis 19-171r, Telonis 19-900, Telonis 20-901, Utah 24-902, Utah 28-903, Utah 18-904, Utah 18-905, and Utah 36-906 SLB & M, Carbon County, Utah. The reports were not ready when the APDs were submitted to your office. Should you have any question about these reports please give me a call. My cell phone number is 435/820-9807.

Sincerely,

A handwritten signature in cursive script, appearing to read "Jean Semborski".

Jean Semborski  
Construction Supervisor

Cc: ConocoPhillips Well File

RECEIVED

MAY 25 2005

DIV. OF OIL, GAS & MINING



18-904



## SENCO-PHENIX

**AN INTENSIVE CULTURAL RESOURCE SURVEY  
AND INVENTORY OF THE UTAH 24-902 (ML 38828), UTAH 28-903 (ML  
48182), UTAH 18-904 (ML 38666), UTAH 18-905 (ML 38666),  
UTAH 36-906 (ML43024), AND THE TELONIS 19-900, 20-901  
AND 19-171R**

**CARBON COUNTY, UTAH  
(SITLA And Private Land)**

**PERFORMED FOR  
ConocoPhillips Company**

**In Accordance with  
Utah State Guidelines  
Antiquities Permit #U05SC0309sp**

**SPUT-496  
May 2, 2005**

**John A. Senulis**

**Direct Charge of Fieldwork**

# UTAH SHPO

## COVER SHEET

Project Name: **AN INTENSIVE CULTURAL RESOURCE SURVEY AND INVENTORY OF THE UTAH 24-902 (ML 38828), UTAH 28-903 (ML 48182), UTAH 18-904 (ML 38666), UTAH 18-905 (ML 38666), UTAH 36-906 (ML43024), AND THE TELONIS 19-900, 20-901 AND 19-171R**

ConocoPhillips Company

State #U05SC0309ps

Report Date: May 2, 2005

County (ies): Carbon

Principal Investigator/ Field Supervisor: John A. Senulis/John Senulis

Records Search/Location/Dates: April 14, 2005, Price River Field Office of the BLM

Acreage Surveyed: 36 acres

Intensive Acres: 36

Recon/Intuitive Acres: 0

U.S.G.S. 7.5 Quads: Price, Utah (1972) & Pinnacle Peak, UT (1972)

Sites Reported	Number	Smithsonian Site #(s):
Archeological Sites:	0	
Revisit (No IMACS update)	0	
Revisit (IMACS update attch.)	0	
New Sites (IMACS attached)	0	
Archeological Site Total:	0	
Historic Structures:		
(USHS Site Form Attached)		
Total NRHP Eligible Sites,	0	

---

### Checklist of Required Items:

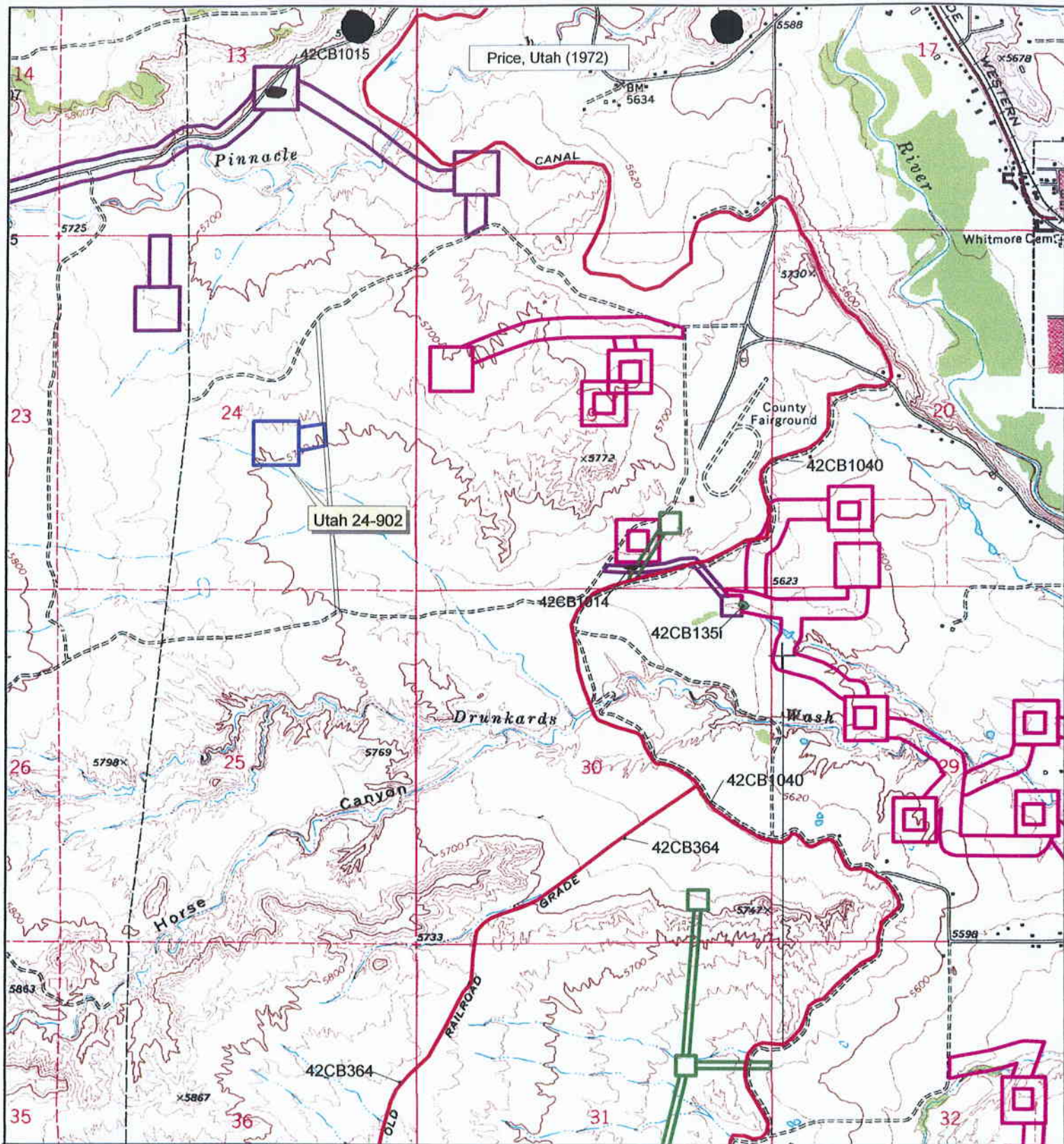
1. X 1 Copy of Final Report
2. X Copy of U.S.G.S. 7.5' map showing surveyed/excavated area
3. Completed IMACS Site Inventory Forms Including
  - \_\_\_\_\_ Parts A and B or C
  - \_\_\_\_\_ IMACS Encoding Form
  - \_\_\_\_\_ Site Sketch Map
  - \_\_\_\_\_ Photographs
  - \_\_\_\_\_ Copy of USGS 7.5' Quad with Smithsonian site Number
4. X Completed Cover Sheet

## **Abstract**

ConocoPhillips has proposed eight new well pads and access corridors. Five of these wells are within previously surveyed areas. The Telonis 19-900, Telonis 20-901, Utah 28-903 (ML 48182), Utah 18-905 (ML 38666) and Utah 36-906 (ML 43024) will not require additional archeological survey. The previous survey documentation is in the file search and bibliographic portions of this report.

SENCO-PHENIX performed an intensive cultural resource survey on the remaining three wells. The Utah 24-902 (ML 38828) and Utah 18-905 (ML 38666) are on land managed by SITLA. The Telonis 19-171r is on private land. The purpose of the survey was to identify and evaluate cultural resources that may exist within the project area.

No cultural resources were located and the potential for undetected remains is remote. A finding of No Effect is appropriate and Archeological Clearance is recommended.



Scale 1:24,000  
1" = 2,000'

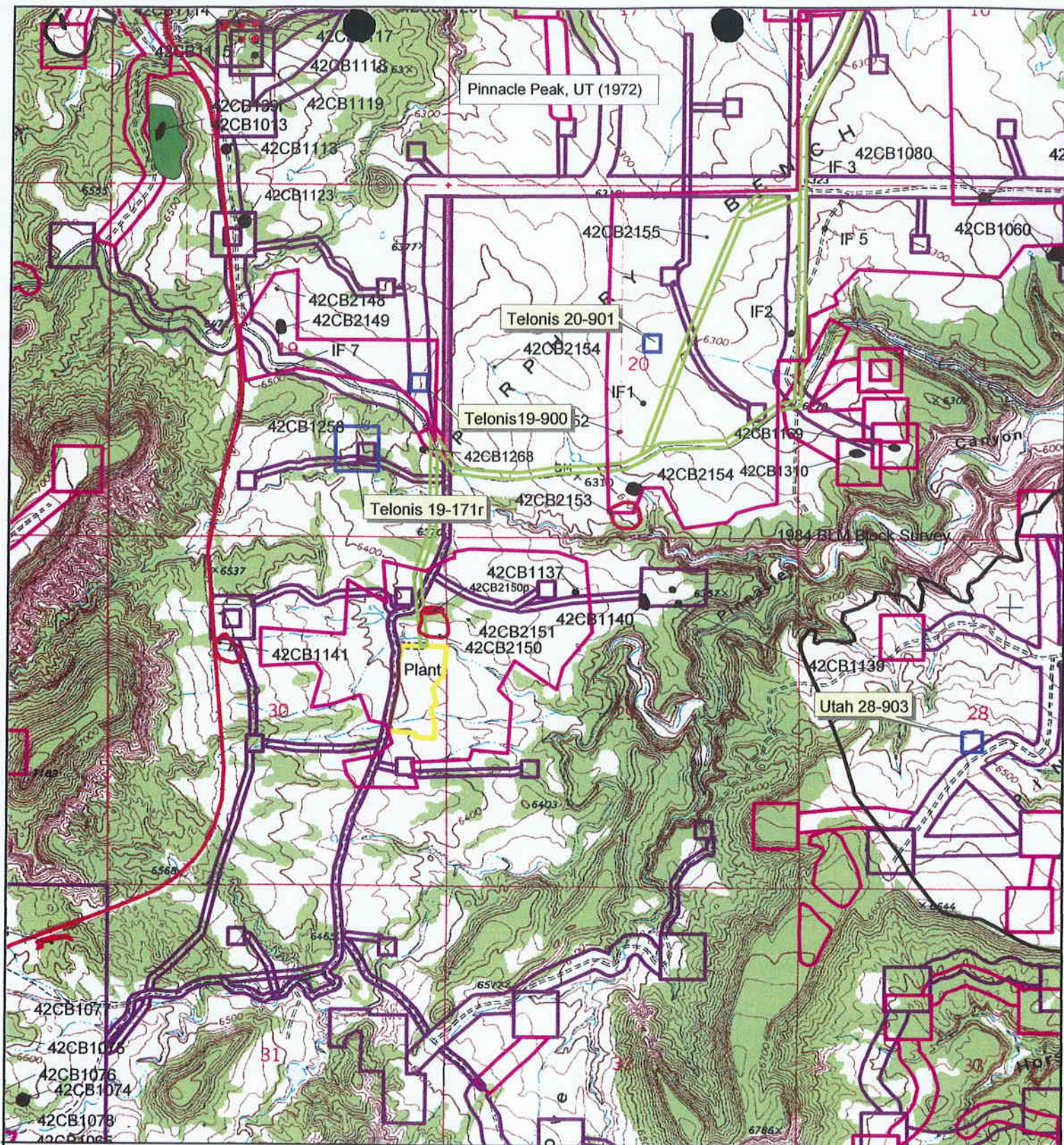
- Current Survey
- Previous Survey
- Baseline Survey
- Powers Survey
- Eligible Sites
- Ineligible Sites

Utah 24-902 Well Pad & Access  
ConocoPhillips Company  
Section 24, T14S, R9E  
Carbon County, Utah  
April 2005  
SPUT-496  
(ML 38828)



- Utah 18-904 Well Pad & Access  
ConocoPhillips Company  
Section 18, T15S, R10E  
Carbon County, Utah  
April 2005  
SPUT-496  
(ML 38666)





SENCO-PHENIX



Scale 1:24,000  
1"= 2,000'

- Current Survey
- Previous Survey
- Baseline Survey
- SWCA Survey

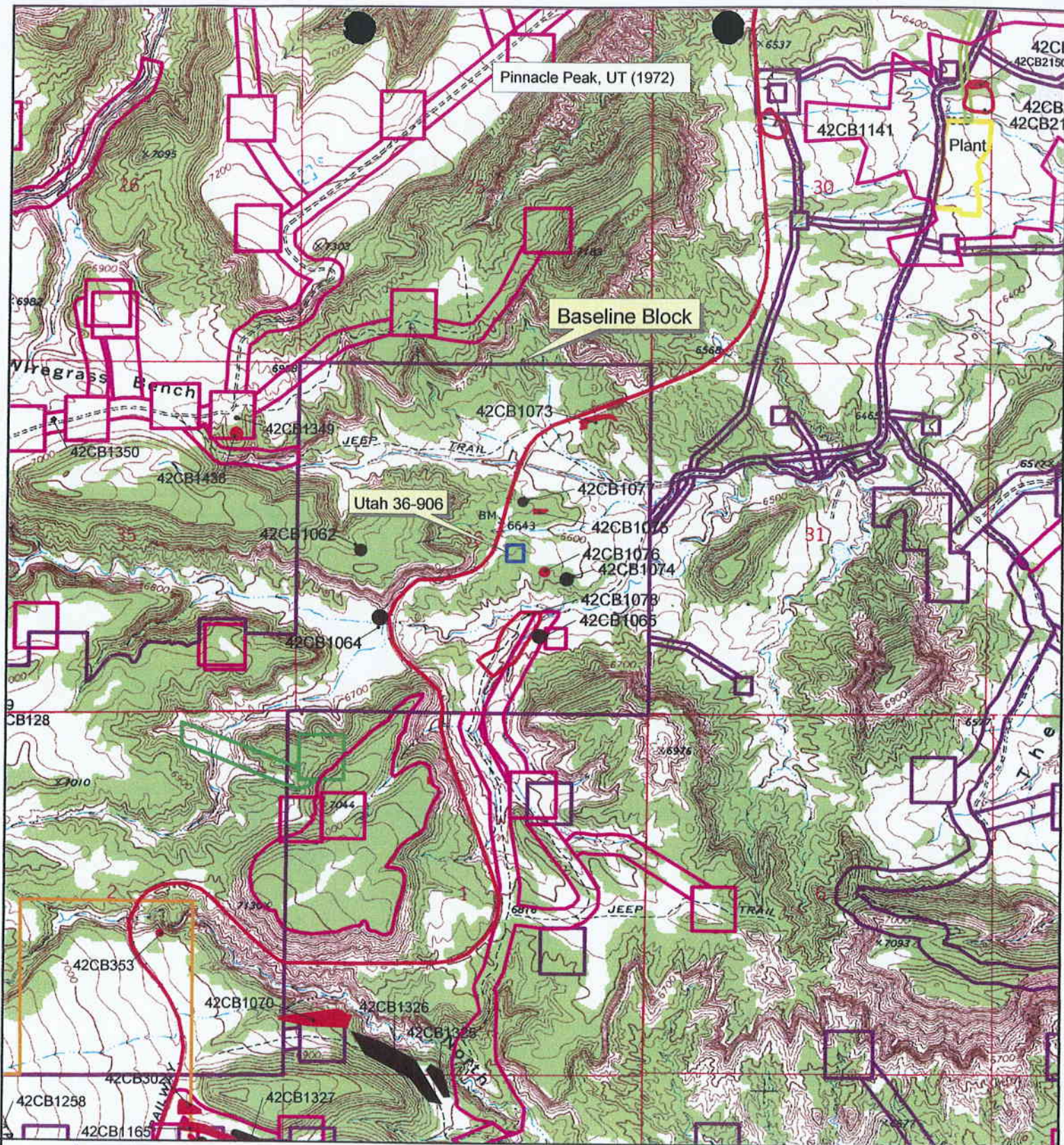
- Eligible Sites
- Ineligible Sites

Telonis 19-171r, 19-900, 20-901  
Utah 28-903 Well  
ConocoPhillips Company  
Sections 19, 20, 28, T14S, R9E  
Carbon County, Utah  
April 2005  
SPUT-496  
(ML 48182 -Utah 28-903)



- Utah 18-905 Well Pad  
ConocoPhillips Company  
Section 18, T15S, R9E  
Carbon County, Utah  
April 2005  
SPUT-496  
(ML 38666)





SENCO-PHENIX



Scale 1:24,000  
1"= 2,000'

- |  |                  |
|--|------------------|
|  | Current Survey   |
|  | Previous Survey  |
|  | Baseline Survey  |
|  | AERC Survey      |
|  | Eligible Sites   |
|  | Ineligible Sites |

Utah 36-906 Well  
ConocoPhillips Company  
Section 36, T14S, R8E  
Carbon County, Utah  
April 2005  
SPUT-496  
(ML 43024)



## Project Location

The following chart gives the well locations and U.S.G.S Quadrangle map. Wells marked with an asterisk have been previously surveyed:

Well Name	Location	T & R	Quad Map
Utah 24-902	NW/SE ¼ Sect. 24	T14S, R9E	Price, UT (1972)
Utah 18-904	SE/NW ¼ Sect. 18	T15S, R10E	Price, UT (1972)
Telonis 19-171r	C/SE ¼ Sect. 19	T14S, R9E	Pinnacle Peak, UT (1972)
Utah 28-903*	NE/SW ¼ Sect 28	T14S, R9E	Pinnacle Peak, UT (1972)
Utah 18-905*	SW/NW ¼ Sect 18	T15S, R9E	Pinnacle Peak, UT (1972)
Utah 36-906*	NW/SE ¼ Sect 36	T14S/R8E	Pinnacle Peak, UT (1972)
Telonis 19-900*	NE/SE ¼ Sect. 19	T14S, R9E	Pinnacle Peak, UT (1972)
Telonis 20-901*	SW/NE ¼ Sect. 20	T14S, R9E	Pinnacle Peak, UT (1972)

## Specific Environment

The project area for the Utah 24-902 and Utah 18-904 is in deeply dissected barren mudflats in the Drunkards Wash drainage. Vegetation is very sparse sagebrush and grasses. There is no permanent water in the project area.

The project area for the Telonis 19-171r is partially on the western half of the existing Telonis 19-171 well pad. The project area is on the western edge of Porphyry Bench. Vegetation is light Pinyon-juniper interfacing with sagebrush and various grasses and forbs. There is no permanent water in the project area

## Previous Research

A file search by John Senulis at the Price Resource Area BLM office on April 14, 2005 and of the SENCO-PHENIX files and maps revealed the following projects had been performed in the project areas.

- 1984, The BLM did a block survey of Pinnacle Bench, No significant cultural resources were located. The Utah 28-903 is within that block and Archeological Clearance is recommended. (83-87)
- 1997, Baseline did block survey and numerous well pads, evaporation ponds and access corridors in the general project area. The block survey included section 36, T14S, R8E, where the Utah 36-906 well is planned. No significant cultural resources were found in close proximity to the proposed well. Because the proposed well is within the Baseline block Archeological clearance is recommended. Baseline also did the original Telonis 19-171(>5 acres) and wells and blocks around the Utah 18-904 and 24-902. No cultural resources were found near any of those proposed projects. (96-547)
- 1998-2000, SENCO-PHENIX did numerous well pad and access corridor surveys near the current project areas. No significant cultural resources were located close to the current survey areas.
- 2000, SENCO-PHENIX surveyed the original M-3 well, with ten-acre buffer in the SW/NW ¼ of Section 18, T15S, R9E. No significant cultural resources were located. The proposed Utah 18-905 will share the western half of the M-3 well pad and new construction will proceed no further than 150 feet to the west, well within the ten-acre buffer. Archeological clearance is recommended.
- 2004, SENCO-PHENIX surveyed a 1,000 acre block on Porphyry Bench. The Telonis 19-900 and 20-901 well pads and access roads are within that block and are not close to any significant cultural resources. Archeological Clearance is recommended. (04-498)

## **Methodology**

John and Jeanne Senulis of SENCO-PHENIX performed Class III intensive walkover surveys on the Utah 24-902, Utah 18-902 and Telonis 19-171r well pads, ten-acre buffers and 300-foot access corridors. The survey was conducted on April 22, 2005. Special attention was given to areas of subsurface soil exposure from construction, animal burrowing, and erosion. All field notes and digital photographs are on file at the offices of SENCO-PHENIX in Price, Utah.

## **Findings and Recommendations**

ConocoPhillips has proposed eight new well pads and access corridors. Five of these wells are within previously surveyed areas. The Telonis 19-900, Telonis 20-901, Utah 28-903 (ML 48182), Utah 18-905 (ML 38666) and Utah 36-906 (ML 43024) will not require additional archeological survey. The previous survey documentation is in the file search and bibliographic portions of this report.

SENCO-PHENIX performed an intensive cultural resource survey on the remaining three wells. The Utah 24-902 (ML 38828) and Utah 18-905 (ML 38666) are on land managed by SITLA. The Telonis 19-171r is on private land. The purpose of the survey was to identify and evaluate cultural resources that may exist within the project area.

No cultural resources were located and the potential for undetected remains is remote. A finding of No Effect is appropriate and Archeological Clearance is recommended.

These recommendations are subject to approval by the SITLA Land Manager and the Utah SHPO.

## References Cited

Beaty, Richard, Arlene Coleman, Quint Coleman, Cindy Eccles and Asa Nielson

1997 *Cultural Resource Survey and Inventory of the River Gas Corporation 1997 Drilling Season in Carbon and Emery Counties, Utah, On Private, State and Federal Land*, Baseline Data Inc. Orem, Utah. (96-547)

Miller, Blaine

1984 *Pinnacle Bench Seeding*, Bureau of Land Management, Price River Field Office, Price, Utah. (83-87)

Senulis, John A

2000 *An Intensive Cultural Resource Survey and Inventory of the Utah 27-686, 34-688 & Monitor Well 3 (MW-3), Well Pads and Access Corridors in the Phillips Petroleum Company Coalbed Gas Methane Field*, SENCO-PHENIX, Price, Utah. (02-55)

2004 *An Intensive Cultural Resource Survey and Inventory of the Porphyry Bench Block Survey*, for the U.S. Fish and Wildlife Service, SENCO-PHENIX, Price, Utah. (04-498)

**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 05/06/2005

API NO. ASSIGNED: 43-007-31026

WELL NAME: UTAH 18-904

OPERATOR: CONOCOPHILLIPS COMPANY ( N2335 )

CONTACT: JEAN SEMBORSKI

PHONE NUMBER: 435-613-9777

## PROPOSED LOCATION:

SENW 18 150S 100E

SURFACE: 2482 FNL 2346 FWL

BOTTOM: 2482 FNL 2346 FWL

CARBON

DRUNKARDS WASH ( 48 )

LEASE TYPE: 3 - State

LEASE NUMBER: ML-38666

SURFACE OWNER: 3 - State

PROPOSED FORMATION: FRSD

COALBED METHANE WELL? YES

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DRD	6/3/05
Geology		
Surface		

LATITUDE: 39.52106

LONGITUDE: -110.8420

## RECEIVED AND/OR REVIEWED:

- ☒ Plat  
☒ Bond: Fed[] Ind[] Sta[] Fee[]  
 (No. 6196922 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
 (No. MUNICIPAL )  
☒ RDCC Review (Y/N)  
 (Date: \_\_\_\_\_ )  
☒ Fee Surf Agreement (Y/N)

## LOCATION AND SITING:

- \_\_\_\_\_ R649-2-3.  
 Unit DRUNKARDS WASH or  
 \_\_\_\_\_ R649-3-2. General  
 Siting: 460' From Qtr/Qtr & 920' Between Wells  
 \_\_\_\_\_ R649-3-3. Exception  
☒ Drilling Unit  
 Board Cause No: 243-2  
 Eff Date: 7-13-1999  
 Siting: 460' fr u bdr & uncomm. Tracts  
 \_\_\_\_\_ R649-3-11. Directional Drill

## COMMENTS:

1. Needs Permit (5-20-05)

## STIPULATIONS:

1. STATEMENT OF BASIS



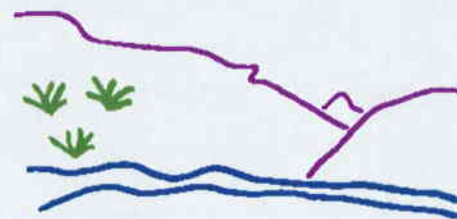
OPERATOR: CONOCOPHILLIPS CO (N2335)

SEC: 18 T. 15S R. 10E

FIELD: DRUNKARDS WASH (48)

COUNTY: CARBON

CAUSE: 243-2 / 7-13-1999



Utah Oil Gas and Mining

#### Wells

- ✱ GAS INJECTION
- ✱ GAS STORAGE
- ✱ LOCATION ABANDONED
- ⊙ NEW LOCATION
- ✧ PLUGGED & ABANDONED
- ✱ PRODUCING GAS
- PRODUCING OIL
- ✱ SHUT-IN GAS
- ✱ SHUT-IN OIL
- ✱ TEMP. ABANDONED
- TEST WELL
- ▲ WATER INJECTION
- ◆ WATER SUPPLY
- ♠ WATER DISPOSAL

#### Units.shp

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

#### Fields.shp

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED



PREPARED BY: DIANA WHITNEY  
DATE: 9-MAY-2005

centralized dumpsters which will be emptied into an approved landfill. Crude oil production is unlikely. Drilling fluid, completion / frac fluid and cuttings will be buried in the pit after evaporation and slashing the pit liner. Produced water will be gathered to the evaporation pit and eventually injected into the Navajo Sandstone via a salt water disposal well. Used oil from drilling operations and support is hauled to a used oil recycler and reused.

#### **ENVIRONMENTAL PARAMETERS**

AFFECTED FLOODPLAINS AND/OR WETLANDS: Dry washes run throughout the immediate area of the proposed well location.

FLORA/FAUNA: Mancos shale.

SOIL TYPE AND CHARACTERISTICS: Mancos clay.

SURFACE FORMATION & CHARACTERISTICS: \_\_\_\_\_

EROSION/SEDIMENTATION/STABILITY: Erosive upon disturbance.

PALEONTOLOGICAL POTENTIAL: None observed.

#### **RESERVE PIT**

CHARACTERISTICS: Dugout earthen, 50'x50'x10', exterior to location.

LINER REQUIREMENTS (Site Ranking Form attached): None required.

#### **SURFACE RESTORATION/RECLAMATION PLAN**

As per surface use agreement.

SURFACE AGREEMENT: With SITLA Lease.

CULTURAL RESOURCES/ARCHAEOLOGY: Completed by SencoPheonix.

#### **OTHER OBSERVATIONS/COMMENTS**

#### **ATTACHMENTS**

Photos of this location were taken and placed on file.

Mark L. Jones  
DOGM REPRESENTATIVE

May 20, 2005 / 11:25 am  
DATE/TIME



**Evaluation Ranking Criteria and Ranking Score  
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>10</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>0</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u>0</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>

**Final Score**      10      (Level III Sensitivity)

Sensitivity Level I = 20 or more; total containment is required, consider criteria for excluding pit use.

Sensitivity Level II = 15-19; lining is discretionary.

Sensitivity Level III = below 15; no specific lining is required.

**DIVISION OF OIL, GAS AND MINING  
APPLICATION FOR PERMIT TO DRILL  
STATEMENT OF BASIS**

**OPERATOR:** ConocoPhillips Company  
**WELL NAME & NUMBER:** Utah 18-904  
**API NUMBER:** 43-007-31026  
**LOCATION:** 1/4,1/4 SENW Sec:18 TWP: 14 S RNG: 9 E 2482 FNL 2346 FWL

**Geology/Ground Water:**

A poorly permeable soil is developed on Quaternary Slope Wash covering the Blue Gate Shale Member of the Mancos Shale. There are no other aquifers with high quality water expected to be encountered. The proposed casing and cement program will adequately isolate any water zones penetrated. Numerous underground water rights have been filed by the Operator on produced water incidental to CBM gas production within a mile radius.

**Reviewer:** Christopher J. Kierst      **Date:** 6/7/05

**Surface:**

Proposed location is ~5.6 miles southwest of Price, Utah. The current surface use of the immediate area surrounding the proposed well is grazing and wildlife habitat. Access to this well will be along existing ConocoPhillips gas field roads and County maintained roads. Approximately 600' of new access road will be built for this location. The direct area drains to the north into Miller Creek, then eastward eventually into the Price River, a year-round live water source ~10 miles east of the proposed location. Dry washes run throughout the area. This is a trial with "infield" drilling within the unit boundaries. There are 15 producing, and/or PA wells, and 1 SWD injection well within a 1 mile radius of the above proposed well. Location layout, current surface status and characteristics, planned disturbances, access and utility route, and the reserve pit characteristics were all discussed. Jean Semborski (ConocoPhillips) and Larry Jensen (NELCO) were in attendance. SITLA, DWR, and Carbon County were also invited but chose not to attend.

**Reviewer:** Mark L. Jones      **Date:** May 25, 2005

**Conditions of Approval/Application for Permit to Drill:**





State Online Services

Agency List

Business.utah.gov

Search Utah.gov

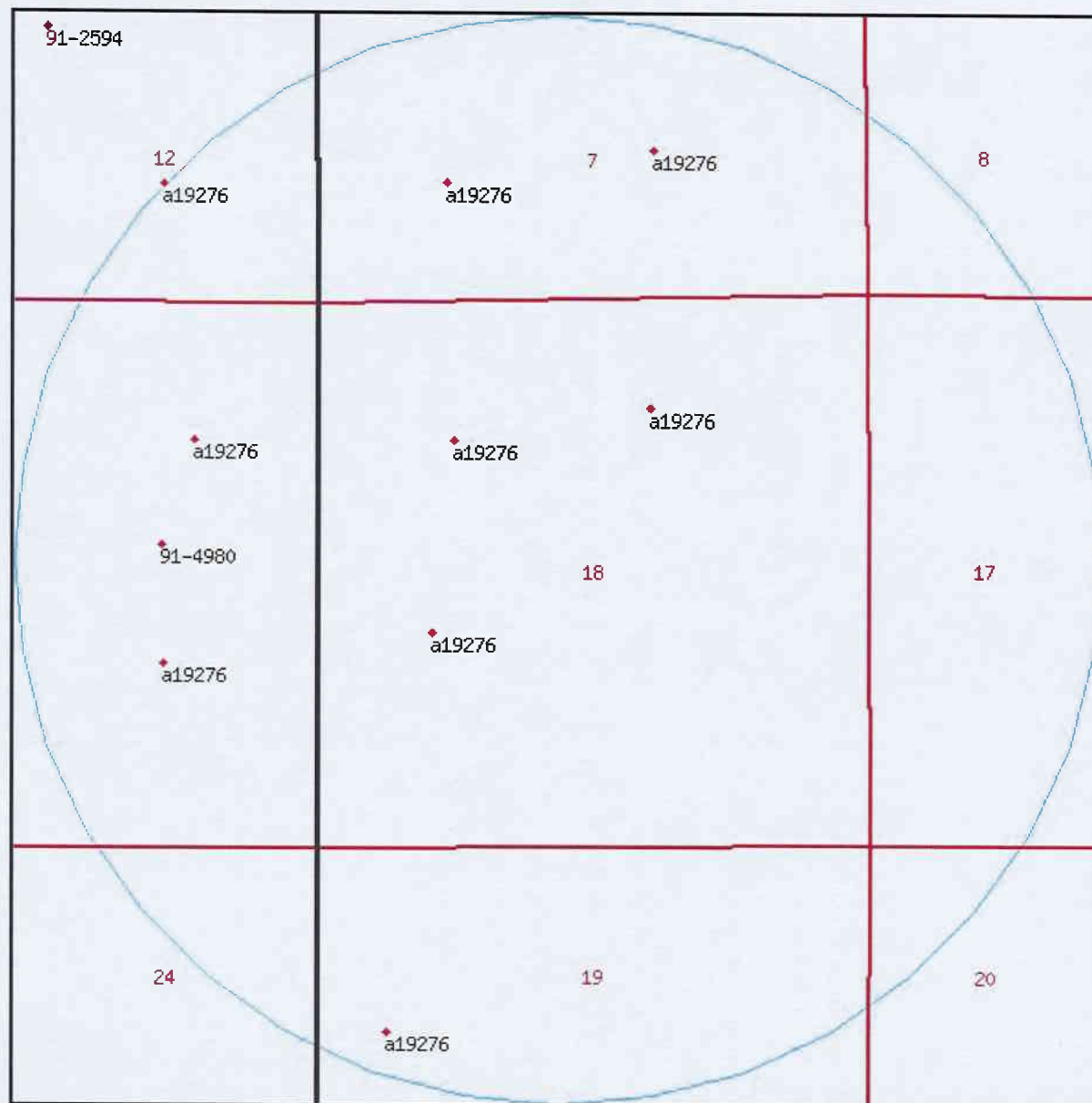
GO

## UTAH DIVISION OF WATER RIGHTS

### WRPLAT Program Output Listing

Version: 2004.12.30.00      Rundate: 06/08/2005 03:32 PM

Radius search of 5280 feet from a point S2482 E2346 from the NW corner, section 18, Township 15S, Range 10E, SL  
b&m Criteria:wrtypes=W,C,E podtypes=all status=U,A,P usetypes=all



0 700 1400 2100 2800 ft

## Water Rights

WR Number	Diversion Type/Location	Well Log	Status	Priority	Uses	CFS	ACFT	Owner Name
<u>91-2594</u>	Point to Point		P	19020000		0.000	0.000	UTAH SCHOOL AND INSTITUTIONAL TRUST LANDS ADMIN. 675 EAST 500 SOUTH, 5TH FLOOR
	0 0 12 15S 9E SL							
<u>91-4952</u>	Underground		A	19930623	IMOS	5.000	0.000	CONOCOPHILLIPS COMPANY P. O. BOX 851
	N1158 W1494 SE 12 15S 9E SL							
<u>91-4952</u>	Underground		A	19930623	IMOS	5.000	0.000	CONOCOPHILLIPS COMPANY P. O. BOX 851
	N1800 W1500 SE 13 15S 9E SL							
<u>91-4952</u>	Underground		A	19930623	IMOS	5.000	0.000	CONOCOPHILLIPS COMPANY P. O. BOX 851
	S1320 W1200 NE 13 15S 9E SL							
<u>91-4952</u>	Underground		A	19930623	IMOS	5.000	0.000	CONOCOPHILLIPS COMPANY P. O. BOX 851
	S1780 E660 NW 19 15S 10E SL							
<u>91-4952</u>	Underground		A	19930623	IMOS	5.000	0.000	CONOCOPHILLIPS COMPANY P. O. BOX 851
	N2100 E1100 SW 18 15S 10E SL							
<u>91-4952</u>	Underground		A	19930623	IMOS	5.000	0.000	CONOCOPHILLIPS COMPANY P. O. BOX 851
	N1180 E1250 SW 07 15S 10E SL							

<u>91-4952</u>	Underground	A	19930623 IMOS	5.000 0.000	CONOCOPHILLIPS COMPANY
	S1320 E1320 NW 18 15S 10E SL				P. O. BOX 851
<u>91-4952</u>	Underground	A	19930623 IMOS	5.000 0.000	CONOCOPHILLIPS COMPANY
	S1110 W2127 NE 18 15S 10E SL				P. O. BOX 851
<u>91-4952</u>	Underground	A	19930623 IMOS	5.000 0.000	CONOCOPHILLIPS COMPANY
	N1400 W2100 SE 07 15S 10E SL				P. O. BOX 851
<u>91-4980</u>	Surface	A	19960126 S	0.000 4.730	UTAH SCHOOL AND INSTITUTIONAL TRUST LANDS ADMIN. 675 EAST 500 SOUTH, 5TH FLOOR
	S2350 W1500 NE 13 15S 9E SL				
<u>a19276</u>	Underground	A	19950831 IMS	5.000 0.000	CONOCOPHILLIPS COMPANY
	N1158 W1494 SE 12 15S 9E SL				P. O. BOX 851
<u>a19276</u>	Underground	A	19950831 IMS	5.000 0.000	CONOCOPHILLIPS COMPANY
	N1800 W1500 SE 13 15S 9E SL				P. O. BOX 851
<u>a19276</u>	Underground	A	19950831 IMS	5.000 0.000	CONOCOPHILLIPS COMPANY
	S1320 W1200 NE 13 15S 9E SL				P. O. BOX 851
<u>a19276</u>	Underground	A	19950831 IMS	5.000 0.000	CONOCOPHILLIPS COMPANY

	S1780 E660 NW 19 15S 10E SL				P. O. BOX 851
<u>a19276</u>	Underground	A	19950831 IMS	5.000 0.000	CONOCOPHILLIPS COMPANY
	N2100 E1100 SW 18 15S 10E SL				P. O. BOX 851
<u>a19276</u>	Underground	A	19950831 IMS	5.000 0.000	CONOCOPHILLIPS COMPANY
	N1180 E1250 SW 07 15S 10E SL				P. O. BOX 851
<u>a19276</u>	Underground	A	19950831 IMS	5.000 0.000	CONOCOPHILLIPS COMPANY
	S1320 E1320 NW 18 15S 10E SL				P. O. BOX 851
<u>a19276</u>	Underground	A	19950831 IMS	5.000 0.000	CONOCOPHILLIPS COMPANY
	S1110 W2127 NE 18 15S 10E SL				P. O. BOX 851
<u>a19276</u>	Underground	A	19950831 IMS	5.000 0.000	CONOCOPHILLIPS COMPANY
	N1400 W2100 SE 07 15S 10E SL				P. O. BOX 851

[Natural Resources](#) | [Contact](#) | [Disclaimer](#) | [Privacy Policy](#) | [Accessibility Policy](#)

06-05 ConocoPhillips Utah 10904  
Casing Schematic

Mancos

Surface

propose TOC - Surface  
TOC @ 8.

✓ w/15% Washout

8-5/8"  
MW 8.4  
Frac 19.

Surface  
252. MD

BHP

$$(0.52)(8.4)(2510) = 1096$$

Anticipate 905

Geo

$$(0.12)(2570) = 301$$

MASP = 795

BOPE - 3,000 ✓

Surf csg - 2950

$$70\% = 2065$$

Max pressure @ shoe = ~~409~~

Test to 1400# as proposed ✓

✓ Adequate DND 6/3/05

5-1/2"  
MW 8.4

TOC @  
1317.

1695 Ferron

1997 TOC Tail

✓ w/15% Washout

Production  
2510. MD

Well name:

**06-05 ConocoPhillips Utah 18-904**Operator: **ConocoPhillips Company**String type: **Surface**

Project ID:

43-007-31026

Location: **Carbon****Design parameters:****Collapse**Mud weight: 8.400 ppg  
Design is based on evacuated pipe.**Minimum design factors:****Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 69 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 3 ft

Cement top: 8 ft

**Burst**Max anticipated surface  
pressure: 0 psi  
Internal gradient: 0.436 psi/ft  
Calculated BHP 110 psi

No backup mud specified.

**Tension:**8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)Tension is based on air weight.  
Neutral point: 220 ft

Non-directional string.

**Re subsequent strings:**Next setting depth: 2,510 ft  
Next mud weight: 8.400 ppg  
Next setting BHP: 1,095 psi  
Fracture mud wt: 19.000 ppg  
Fracture depth: 252 ft  
Injection pressure 249 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ( )
1	252	8.625	24.00	J-55	ST&C	252	252	7.972	1651
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	110	1370	12.459	110	2950	26.83	6	244	40.34 J

Prepared Clinton Dworshak  
by: Utah Div. of Oil & MiningPhone: 801-538-5280  
FAX: 801-359-3940Date: June 2, 2005  
Salt Lake City, Utah

## Remarks:

Collapse is based on a vertical depth of 252 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop &amp; Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

Well name:

**06-05 ConocoPhillips Utah 18-904**Operator: **ConocoPhillips Company**

String type: Production

Project ID:

43-007-31026

Location: Carbon

**Design parameters:****Collapse**Mud weight: 8.400 ppg  
Design is based on evacuated pipe.**Minimum design factors:****Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 100 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 250 ft

Cement top: 1,317 ft

**Burst**Max anticipated surface  
pressure: 0 psi  
Internal gradient: 0.436 psi/ft  
Calculated BHP 1,095 psi

No backup mud specified.

**Tension:**8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Non-directional string.

Tension is based on air weight.

Neutral point: 2,190 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ( )
1	2510	5.5	17.00	N-80	LT&C	2510	2510	4.767	18006

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1095	6290	5.743	1095	7740	7.07	43	348	8.16 J

Prepared Clinton Dworshak  
by: Utah Div. of Oil & MiningPhone: 801-538-5280  
FAX: 801-359-3940Date: June 2, 2005  
Salt Lake City, Utah**Remarks:**

Collapse is based on a vertical depth of 2510 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop &amp; Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*



**ON-SITE PREDRILL EVALUATION**  
**Division of Oil, Gas and Mining**

OPERATOR: ConocoPhillips Company  
WELL NAME & NUMBER: Utah 18-904  
API NUMBER: 43-007-31026  
LEASE: State FIELD/UNIT: \_\_\_\_\_  
LOCATION: 1/4, 1/4 SENW Sec: 18 TWP: 14S RNG: 9E 2482 FNL 2346 FWL  
LEGAL WELL SITING: 460' from unit boundary and uncommitted tracts.  
GPS COORD (UTM): X =513382 E; Y =4374401 N SURFACE OWNER: SITLA.

**PARTICIPANTS**

M. Jones (DOGM), Jean Semborski (ConocoPhillips), and Larry Jensen (NELCO) were in attendance. SITLA, DWR, and Carbon County were also invited but chose not to attend.

**REGIONAL/LOCAL SETTING & TOPOGRAPHY**

Proposed location is ~5.6 miles southwest of Price, Utah. The current surface use of the immediate area surrounding the proposed well is grazing and wildlife habitat. Access to this well will be along existing ConocoPhillips gas field roads and County maintained roads. Approximately 600' of new access road will be built for this location. The direct area drains to the north into Miller Creek, then eastward eventually into the Price River, a year-round live water source ~10 miles east of the proposed location. Dry washes run throughout the area.

**SURFACE USE PLAN**

CURRENT SURFACE USE: Grazing and recreational activities.

PROPOSED SURFACE DISTURBANCE: 175' x 235' w/ 50' x 50' x 10' (excluded) pit.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: 15 producing, and/or PA wells, and 1 SWD injection well are within a 1 mile radius of the above proposed well.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: On location and along roadway.

SOURCE OF CONSTRUCTION MATERIAL: Obtained locally and trucked to site.

ANCILLARY FACILITIES: None anticipated.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST OR CONCERNS?  
(EXPLAIN): No.

**WASTE MANAGEMENT PLAN:**

Portable chemical toilets which will be emptied into the municipal waste treatment system; garbage cans on location will be emptied into

**State of Utah****Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

June 14, 2005

ConocoPhillips Company  
P O Box 851  
Price, UT 84501

Re: Utah 18-904 Well, 2482' FNL, 2346' FWL, SE NW, Sec. 18, T. 15 South,  
R. 10 East, Carbon County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-31026.

Sincerely,

Gil Hunt  
Acting Associate Director

pab  
Enclosures

cc: Carbon County Assessor  
SITLA  
Bureau of Land Management, Moab District Office

Operator: ConocoPhillips Company  
Well Name & Number Utah 18-904  
API Number: 43-007-31026  
Lease: ML-38666

Location: SE NW                      Sec. 18                      T. 15 South                      R. 10 East

### Conditions of Approval

1. **General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. **Notification Requirements**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. **Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <u>CONFIDENTIAL</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-38666
2. NAME OF OPERATOR: ConocoPhillips Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
3. ADDRESS OF OPERATOR: P.O. Box 851 CITY Price STATE UT ZIP 84501		7. UNIT or CA AGREEMENT NAME: Drunkards Wash UTU-67921X
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2482' FNL, 2346' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 18 T15 R10 S		8. WELL NAME and NUMBER: Utah 18-904
PHONE NUMBER: (435) 613-9777		9. API NUMBER: 43-007-31026
		10. FIELD AND POOL, OR WILDCAT: Drunkards Wash
		COUNTY: Carbon
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please be advised that ConocoPhillips Company would like to drill the Utah 18-904 well deeper than the originally listed depth on the approved APD. The well is proposed to penetrate the Dakota Sandstone below the Ferron Formation. The revised proposed depth is now estimated at 2543'

Approved by the  
Utah Division of  
Oil, Gas and Mining  
Date: 8/17/05  
By: [Signature]

RECEIVED

AUG 15 2005

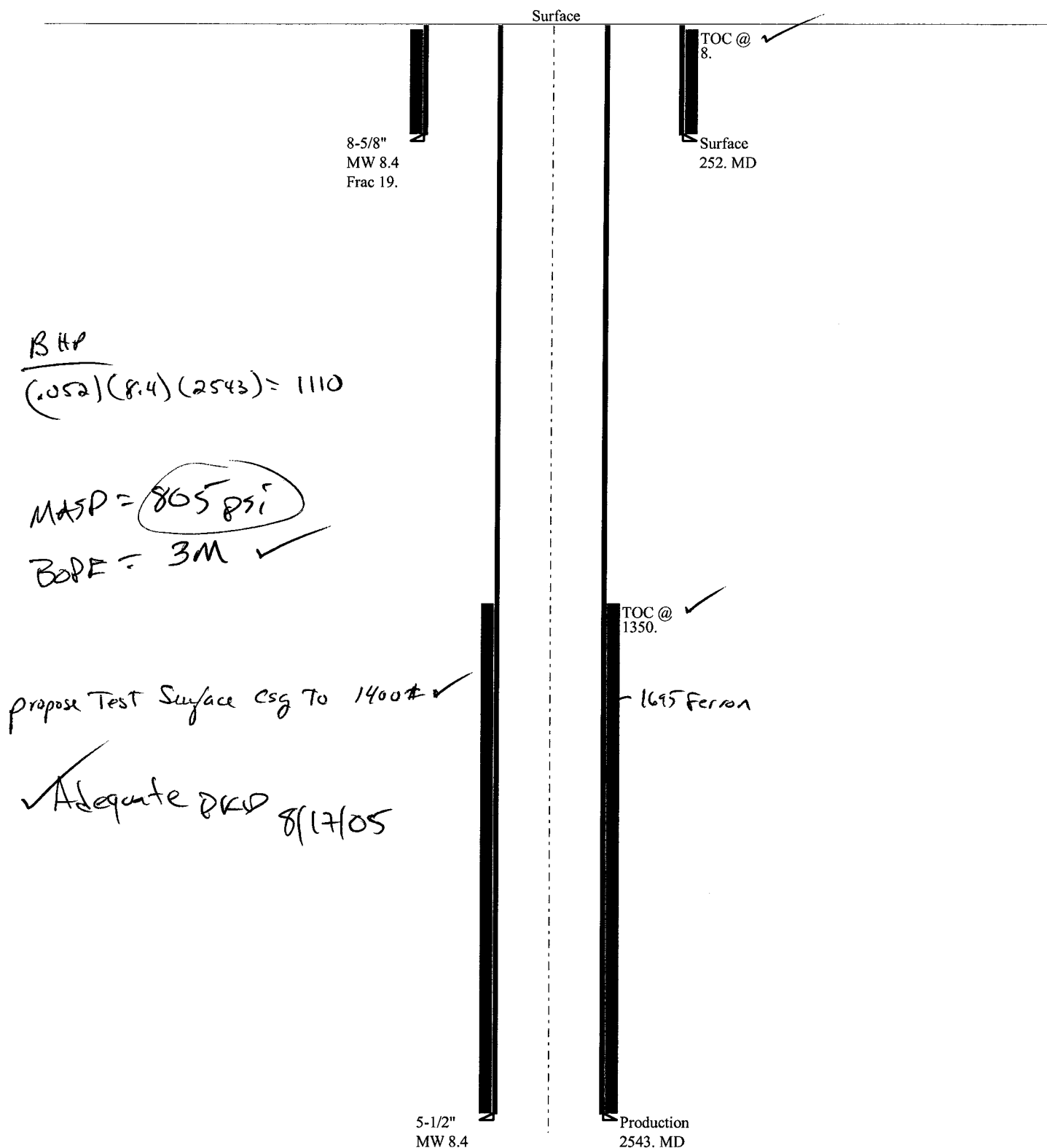
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>Jean Semborski</u>	TITLE <u>Construction/Asset Integrity Supervisor</u>
SIGNATURE <u>[Signature]</u>	DATE <u>8/11/2005</u>

(This space for State use only)

COPY SENT TO OPERATOR  
DATE: 8-24-05  
BY: [Signature]

06-05 ConocoPhillips Utah 10904  
Casing Schematic



Well name:

**06-05 ConocoPhillips Utah 18-904**Operator: **ConocoPhillips Company**String type: **Surface**

Project ID:

**43-007-31026**Location: **Carbon****Design parameters:****Collapse**

Mud weight: 8.400 ppg

Design is based on evacuated pipe.

**Minimum design factors:****Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No

Surface temperature: 65 °F

Bottom hole temperature: 69 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 3 ft

Cement top: 8 ft

**Burst**

Max anticipated surface pressure: 0 psi

Internal gradient: 0.436 psi/ft

Calculated BHP 110 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Non-directional string.

Tension is based on air weight.

Neutral point: 220 ft

**Re subsequent strings:**

Next setting depth: 2,543 ft

Next mud weight: 8.400 ppg

Next setting BHP: 1,110 psi

Fracture mud wt: 19.000 ppg

Fracture depth: 252 ft

Injection pressure 249 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ( )
1	252	8.625	24.00	J-55	ST&C	252	252	7.972	1651

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	110	1370	12.459	110	2950	26.83	6	244	40.34 J

Prepared by: Clinton Dworshak  
Utah Div. of Oil & MiningPhone: 801-538-5280  
FAX: 801-359-3940Date: August 16, 2005  
Salt Lake City, Utah**Remarks:**

Collapse is based on a vertical depth of 252 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop &amp; Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

Well name:

**06-05 ConocoPhillips Utah 18-904**Operator: **ConocoPhillips Company**String type: **Production**

Project ID:

43-007-31026

Location: **Carbon****Design parameters:****Collapse**Mud weight: 8.400 ppg  
Design is based on evacuated pipe.**Minimum design factors:****Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 101 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 250 ft

Cement top: 1,350 ft

**Burst**Max anticipated surface  
pressure: 0 psi  
Internal gradient: 0.436 psi/ft  
Calculated BHP 1,110 psi

No backup mud specified.

**Tension:**8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Non-directional string.

Tension is based on air weight.

Neutral point: 2,219 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ( )
1	2543	5.5	17.00	N-80	LT&C	2543	2543	4.767	18242
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1110	6290	5.668	1110	7740	6.98	43	348	8.05 J

Prepared by: Clinton Dworshak  
Utah Div. of Oil & MiningPhone: 801-538-5280  
FAX: 801-359-3940Date: August 16, 2005  
Salt Lake City, Utah**Remarks:**

Collapse is based on a vertical depth of 2543 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop &amp; Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

# 06-05 ConocoPhillips Utah 10-904

## Casing Schematic

Manus

Surface

propose TOC - Surface

TOC @ 8.

✓ w/18% Washout

8-5/8"  
MW 8.4  
Frac 19.

Surface  
252. MD

BHP

$$(0.052)(8.4)(2510) = 1096$$

Anticipate 905

G02

$$(1.12)(2575) = 301$$

MASP = 795

BOPE - 3,000 ✓

Surf csg - 2950

70% = 2065

Max pressure shoe = ~~469~~

Test to 1400# as proposed ✓

TOC @ 1317.

1695 Ferron

1997 TOC Tail

✓ w/15% Washout

5-1/2"  
MW 8.4

Production  
2510. MD

✓ Adequate 6/3/05



Well name:

06-05 ConocoPhillips Utah 18-904

Operator: ConocoPhillips Company

String type: Surface

Project ID:

43-007-31026

Location: Carbon

**Design parameters:****Collapse**

Mud weight: 8.400 ppg

Design is based on evacuated pipe.

**Minimum design factors:****Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No

Surface temperature: 65 °F

Bottom hole temperature: 69 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 3 ft

Cement top: 8 ft

**Burst**Max anticipated surface  
pressure: 0 psi

Internal gradient: 0.436 psi/ft

Calculated BHP 110 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Non-directional string.

Tension is based on air weight.

Neutral point: 220 ft

**Re subsequent strings:**

Next setting depth: 2,510 ft

Next mud weight: 8.400 ppg

Next setting BHP: 1,095 psi

Fracture mud wt: 19.000 ppg

Fracture depth: 252 ft

Injection pressure 249 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ( )
1	252	8.625	24.00	J-55	ST&C	252	252	7.972	1651
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	110	1370	12.459	110	2950	26.83	6	244	40.34 J

Prepared Clinton Dworshak  
by: Utah Div. of Oil & MiningPhone: 801-538-5280  
FAX: 801-359-3940Date: June 2, 2005  
Salt Lake City, Utah**Remarks:**

Collapse is based on a vertical depth of 252 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop &amp; Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:

**06-05 ConocoPhillips Utah 18-904**Operator: **ConocoPhillips Company**String type: **Production**

Project ID:

43-007-31026

Location: **Carbon****Design parameters:****Collapse**Mud weight: 8.400 ppg  
Design is based on evacuated pipe.**Minimum design factors:****Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 100 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 250 ft

Cement top: 1,317 ft

**Burst**Max anticipated surface  
pressure: 0 psi  
Internal gradient: 0.436 psi/ft  
Calculated BHP 1,095 psi

No backup mud specified.

**Tension:**8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Non-directional string.

Tension is based on air weight.

Neutral point: 2,190 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ( )
1	2510	5.5	17.00	N-80	LT&C	2510	2510	4.767	18006
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1095	6290	5.743	1095	7740	7.07	43	348	8.16 J

Prepared Clinton Dworshak  
by: Utah Div. of Oil & MiningPhone: 801-538-5280  
FAX: 801-359-3940Date: June 2, 2005  
Salt Lake City, Utah**Remarks:**Collapse is based on a vertical depth of 2510 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes.  
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

Form 3160-5  
(June 1990)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993**SUNDRY NOTICES AND REPORTS ON WELLS**Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals**SUBMIT IN TRIPLICATE**

## 1. Type of Well

☐ Oil ☒ Gas ☐**CONFIDENTIAL**

## 2. Name of Operator

ConocoPhillips

## 3. Address and Telephone No.

6825 South 5300 West, P.O. Box 851, Price, Utah 84501 (435) 613-9777

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2482' FNL, 2346' FWL

SE/NW, Sec. 18, T15S, R10E, SLB&amp;M

## 5. Lease Designation and Serial No.

ML-38666

## 6. If Indian, Allottee or Tribe Name

N/A

## 7. If Unit or CA, Agreement Designation

Drunkards Wash UTU-67921X

## 8. Well Name and No.

Utah 18-904

## 9. API Well No.

43-007-31026

## 10. Field and Pool, or Exploratory Area

Drunkards Wash

## 11. County or Parish, State

Carbon County, Utah

12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

## TYPE OF SUBMISSION

- ☐ Notice of Intent
- ☐ Subsequent Report
- ☐ Final Abandonment Notice

## TYPE OF ACTION

- ☐ Online Notice
- ☐ Change of Name
- ☐ Recompletion
- ☐ Plugging Back
- ☐ Casing Repair
- ☐ Altering Casing
- ☒ Other Spud Notice
- ☐ Change of Plans
- ☐ New Construction
- ☐ Non-Routine Fracturing
- ☐ Water Shut-Off
- ☐ Conversion to Injection
- ☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or

13. Describe Proposed or Completed Operations ( Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Please be advised that this well was spud on 10/23/2005 at 11:00 a.m. with the Pense #9 Rig.

**RECEIVED****NOV 03 2005****DIV. OF OIL, GAS & MINING**

## 14. I hereby certify that the foregoing is true and correct

Signed Lynnette Allred Title Sr. Operations Assistant Date October 25, 2005

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any: \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\* See Instructions on Reverse Side

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: ConocoPhillips Operator Account Number: N 2335  
Address: 6825 South 5300 West  
city Price  
state UT zip 84501 Phone Number: (435) 613-9777

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4300731028	Utah 24-902		NWSE	24	15S	09E	CARBON
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	11256	10/21/2005		11/3/05		
Comments: New single well spud inside PA & inside of the Unit Boundary. FRSD <span style="float: right;">CONFIDENTIAL K</span>							

**Well 2**

43-007-31026

API Number	Well Name		QQ	Sec	Twp	Rng	County
<del>4300731028</del>	Utah 18-904		SENE	18	15S	10E	CARBON
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	15017	10/23/2005		11/3/05		
Comments: New single well spud inside PA & inside of the Unit Boundary. DKTA <span style="float: right;">CONFIDENTIAL K</span>							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4300730928	Utah 10-649		NENE	10	15S	10E	CARBON
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	15018	10/25/2005		11/3/05		
Comments: New single well spud outside PA & inside of the Unit Boundary. FRSD <span style="float: right;">CONFIDENTIAL K</span>							

**RECEIVED**  
NOV 03 2005

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Lynnette Allred

Name (Please Print)

Signature

Sr Operations Assistant

Title

DIV. OF OIL, GAS & MINING

10/25/2005

Date

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

ORIGINAL

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

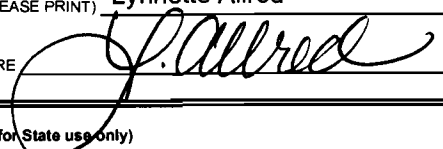
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-38666
2. NAME OF OPERATOR: ConocoPhillips Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
3. ADDRESS OF OPERATOR: P.O. Box 851 CITY Price STATE UT ZIP 84501		7. UNIT or CA AGREEMENT NAME: Drunkards Wash UTU-67921X
PHONE NUMBER: (435) 613-9777		8. WELL NAME and NUMBER: Utah 18-904
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2482' FNL, 2346' FWL		9. API NUMBER: 43-007-31026
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 18 T15 R10 S		10. FIELD AND POOL, OR WILDCAT: Drunkards Wash
COUNTY: Carbon		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 1/14/2006	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please be advised that ConocoPhillips Company would like to drill the Utah 18-904 well deeper than the originally listed depth on the approved APD. The well is proposed to penetrate the Dakota Sandstone below the Ferron Formation. The revised proposed depth is now estimated at 2365'. → Approved Depth from APD is 2543'. Well in Drilling. Covered in original approval. P.D.

NAME (PLEASE PRINT) Lynnette Allred	TITLE Sr. Operations Assistant
SIGNATURE 	DATE 1/13/2006

(This space for State use only)

RECEIVED  
JAN 17 2006

MAY 24 2006

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

DIV. OF OIL, GAS &amp; MINING

FORM 6

### ENTITY ACTION FORM

Operator: ConocooPhillips Operator Account Number: N 2335  
 Address: 6825 South 5300 West  
city Price  
state UT zip 84501 Phone Number: (435) 613-9777

Well 1

4300731026

API Number	Well Name		QQ	Sec	Twp	Rng	County
<del>40073126</del> <u>4</u>	Utah 18-904		NWSE	18	15S	10E	CARBON
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
C	15017	11256	10/23/2005		5/19/2006		
<b>Comments:</b> completed in new formation. Completed in <u>Ferron</u> sandstone.							

**CONFIDENTIAL** 5/25/06  
K

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<b>Comments:</b>							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<b>Comments:</b>							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Steven Beck

Name (Please Print)

Steven Beck

Signature

Sr. Operations Assistant

5/19/2006

Title

Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

CONFIDENTIAL

## 1. Type of Well

☐ Oil ☒ Gas ☐

## 2. Name of Operator

ConocoPhillips

## 3. Address and Telephone No.

6825 South 5300 West, P.O. Box 851, Price, Utah 84501 (435) 613-9777

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2482' FNL, 2346' FWL

SE/NW, Sec. 18, T15S, R10E, SLB&amp;M

## 5. Lease Designation and Serial No.

ML-38666

## 6. If Indian, Allottee or Tribe Name

N/A

## 7. If Unit or CA, Agreement Designation

Drunkards Wash UTU-67921X

## 8. Well Name and No.

Utah 18-904

## 9. API Well No.

43-007-31026

## 10. Field and Pool, or Exploratory Area

Drunkards Wash

## 11. County or Parish, State

Carbon County, Utah

## 12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

## TYPE OF ACTION

- ☐
- Notice of Intent
- 
- ☐
- Subsequent Report
- 
- ☐
- Final Abandonment Notice

- ☐
- Online Notice
- 
- ☐
- Change of Name
- 
- ☐
- Recompletion
- 
- ☐
- Plugging Back
- 
- ☐
- Casing Repair
- 
- ☐
- Altering Casing
- 
- ☒
- Other
- Daily well reports

- ☐
- Change of Plans
- 
- ☐
- New Construction
- 
- ☐
- Non-Routine Fracturing
- 
- ☐
- Water Shut-Off
- 
- ☐
- Conversion to Injection
- 
- ☐
- Dispose Water

(Note: Report results of multiple completion on Well Completion or

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

See Attached.

RECEIVED

NOV 14 2005

ENV. CFSIL, CAG &amp; MING

## 14. I hereby certify that the foregoing is true and correct

Signed Lynnette Allred Title Sr. Operations Assistant Date November 9, 2005

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\* See Instructions on Reverse Side

API/UWI 430073102600	Surface Legal Location SEC 18-T15S-R10E	Field Name DRUNKARDS WASH	BU/JV Lower 48 - MA	Latitude (DMS) 39° 31' 15.775" N	Longitude (DMS) 110° 50' 39.574" W
Well Type Development	Well Configuration Type	Original KB Elevation (ft)	KB-Ground Distance (ft)	KB-CF (ft)	ConocoPhillips WI (%)

Job Category DRILLING	Primary Job Type Drilling Original	Secondary Job Type	Working Interest (%)
Start Date	End Date	AFE Number WAR.UIN.S317	Total AFE Amount 226,541.00

### Objective

DRILL

### Summary

Contractor PENSE BROS DRILLING	Rig Name/No 9	Rig Type LAND RIG
-----------------------------------	------------------	----------------------

Rpt No.	Start Date	End Date	Day Total	Cum Cost	Last 24hr Sum
1.0	10/23/2005	10/24/2005	31,585.00	31,585.00	MOVE ON, R/UP, SPUD, DRILL AND SET 24FT OF CONDUCTOR, DRILL SURFACE HOLE, RUN CSG, CEMENT,
2.0	10/24/2005	10/25/2005	61,490.00	93,075.00	N/UP BOP, TEST, DRILL PRODUCTION HOLE TO 2305FT, (HOLE FALLING GEOLOGIST CALLED IT GOOD,
3.0	10/25/2005	10/26/2005	50,590.00	143,665.00	MOB NWS RIG 1111 T/ UTAH 19-904, RIG UP RUN 5.5" PROD CASING.
4.0	10/26/2005	10/27/2005	50,590.00	194,255.00	
5.0	11/1/2005	11/1/2005	4,920.00	199,175.00	MOVED THE RIG FROM 647 TO 904, RIGGED UP, N/D B SECTION, N/U BOP AND TESTED THE SAME TO 1000 PSI, R/U PUMP TO CIRCULATE, R/U FLOOR AND TUBING EQUIPMENT, P/U ROCK BIT AND 6 JOINTS D.COLLARS, RIH TO 1364.40' WITH 38 JOINTS 2 7/8, DRILLED OUT D.V. TOOL, CBU, RIH TO TD @ 2,227, CBU, POOH, L/D WORK STRING & BHA, SECURED THE WELL AND SHUTDOWN FOR THE NIGHT.



Report Date - 10/23/2005 to 10/24/2005

### Operations at Report Time

WOC

### 24hr Forecast

DRILL 7 7/8IN HOLE TO TD, LOG WELL AND RIG DOWN

### Last 24hr Summary

MOVE ON, R/UP, SPUD, DRILL AND SET 24FT OF CONDUCTOR, DRILL SURFACE HOLE, RUN CSG, CEMENT,

### Remarks

NO HSE INCIDENTS REPORTED LAST 24 HRS

Days RI (days)	Days LTI (days)	Weather	Temperature (°F)	Wind
39.00	39.00			

### Time Log

Time	Time	Dur (hrs)	Phase	Op Code	Op Sub-Code	Tribl Code	Comment
06:00	07:30	1.50	MIRU	MOVE	SFTY	P	WAIT ON DAYLIGHT, SFTY MTG W/ CREW AND DRIVERS, DISCUSS USING SPOTTERS, SETTING EQUIPMENT,
07:30	11:00	3.50	MIRU	MOVE	RURD	P	R/UP AND PREP TO SPUD
11:00	12:00	1.00	MIRU	DRILL	DRLG	P	SPUD @ 1100HRS 10.23.05, DRILL AND SET 22FT OF 12 3/4IN CONDUCTOR PIPE,
12:00	13:00	1.00	MIRU	DRILL	RURD	P	N/UP TO DRILL 11IN HOLE,
13:00	15:00	2.00	MIRU	DRILL	DRLG	P	DRILL 420FT OF 11IN HOLE,
15:00	15:30	0.50	MIRU	DRILL	TRIP	P	CLEAN HOLE AND TOOH,
15:30	16:30	1.00	MIRU	CASING	RNCS	P	RIH W/ 8 5/8IN GS + 14 JOINTS OF 8 5/8IN 24# CSG, LAND CSG @ 412FT, (16IN BELOW GL),
16:30	19:00	2.50	MIRU	CEMENT	WOP	NP	WAITING ON CEMENTERS TO ARRIVE FROM 902 LOCATION,
19:00	19:30	0.50	MIRU	CEMENT	RURD	P	SFTY MTG W/ CEMENTERS, R/UP CEMENTERS,
19:30	20:15	0.75	MIRU	CEMENT	CIRC	P	TEST PUMP AND LINES TO 1000PSI, PUMP 30BBLS FRESH AHEAD, MIX AND PUMP 180SX OF TYPEW V CEMENT W/ 2% CACL, .25#/SK OF FLOCELE, DISPLACE W/ 23BBLS OF FRESH CLOSE VALVE @ 2010HRS, 10BBLS GOOD CEMENT TO SURFACE,
20:15	00:00	3.75	MIRU	CEMENT	WOC	P	WOC

### Mud Data

Type	Temp Bottom Hole (°F)	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cp)	YP Override (lb/100ft²)
Filter Cake (/32")	pH	Pf (mL/mL)	Mf (mL/mL)	Sand (%)	Low Gravity Solids (%)	High Gravity Solids (%)
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Gel 30 min (lb/100ft²)	Lime (lb/bbl)	Mud Lost to Hole (bbl)	Solids (%)	Oil Water Ratio

### Support Vessels

Type	Vessel Name	Note	Time	Time

### WEATHER

Time	Comment
Temperature - High (°F)	Temperature - Low (°F)
Current Speed (knots)	Current Direction (°)
Wave Height (ft)	Wave Direction (°)
Wave Period (s)	Swell Height (ft)
Heave (ft)	Pitch (°)
Roll (°)	Vessel Offset (ft)
Vessel Heading (°)	

Riser Tension (kips)

### Daily Contacts

Job Contact	Position
SHIRLEY LLOYD	Drilling Supv

### Head Count (POB)

Cany Fwd?	Company	Type	Count	OT (hrs)	Reg (hrs)	Note
True	PENSE BRS. DRILLING	Contractor	9		14.00	
True	CONOCOPHILLIPS CO	Operator	1		24.00	
True	NELCO CONTRACTORS, INC.	Contractor	5		6.00	
True	HALLIBURTON	Contractor	4		3.00	

### STOP Cards Submitted

Company	No. Rpis	Comment

Report Date - 10/24/2005 to 10/25/2005

<b>Operations at Report Time</b>							
RIGGING DOWN							
<b>24hr Forecast</b>							
MOVE DRILL DIG TO 649 LOCATION, RUN CSG AND CEMENT 904 WELL							
<b>Last 24hr Summary</b>							
N/UP BOP, TEST, DRILL PRODUCTION HOLE TO 2305FT, (HOLE FALLING GEOLOGIST CALLED IT GOOD,							
<b>Remarks</b>							
NO HSE INCIDENTS REPORTED LAST 24HRS,							
<b>Days RI (days)</b>		<b>Days LTI (days)</b>		<b>Weather</b>		<b>Temperature (°F)</b>	
40.00		40.00					
<b>Time Log</b>							
<b>Time</b>	<b>Time</b>	<b>Dur (hrs)</b>	<b>Phase</b>	<b>Op Code</b>	<b>Op Sub-Code</b>	<b>Tribl Code</b>	<b>Comment</b>
00:00	01:30	1.50	PROD1	TREBOP	WOEQ	NP	WAIT ON CSG HEAD TO ARRIVE FROM ROCK SPRINGS WRONG WELLHEADS DELIVERED,
01:30	04:00	2.50	PROD1	TREBOP	RURD	P	N/UP CSG HEAD AND BOP
04:00	05:00	1.00	PROD1	TREBOP	BOPE	P	TEST PIPE RAMS,BLIND RAMS, MANIFOLD, 250PSI LOW F/ 5 MINUTES, 2000PSI F/ 10 MINUTES, TEST CSG 250PSI LOW F/ 5 MINUTES, 500PSI F/ 10 MINUTES,
05:00	06:00	1.00	PROD1	DRILL	RURD	P	N/UP BLOUIE LINE, CHANGE OUT BITS,
06:00	07:00	1.00	PROD1	DRILL	DRLG	P	TIH, TAG CEMENT @ 300FT, DRILL OUT CEMENT AND SHOE,
07:00	13:00	6.00	PROD1	DRILL	DRLG	P	DRILL 420FT TO 1775FT,
13:00	15:30	2.50	PROD1	DRILL	DRLG	P	DRILL 1775FT TO 2305FT,
15:30	17:30	2.00	PROD1	DRILL	CIRC	NP	50-70FT INTO DAKOTA FORMATION, HOLE KEEPS FALLING IN CANNOT KEEP HOLE OPEN GEOLOGIST OK,D CALLING IT GOOD, CLEAN HOLE,
17:30	19:30	2.00	PROD1	DRILL	TRIP	P	TOOH, PUMP 100BBLs OF 2% KCL @ 1600FT, AND @ 300FT,
19:30	20:30	1.00	PROD1	EVALFM	RURD	P	SFTY MTG W/ LOGGING CREW, R/UP LOGGERS
20:30	23:30	3.00	PROD1	EVALFM	ELOG	P	RIH W/ TOOLS, TAG @ 2255FT, HOLE STICKY ON BOTTOM AT THE TOP OF DAKOTA FORMATION, LOG UP THRU FERRON FORMATION, RUN BACK TO BOTTOM OF FERRON AND MAKE SECOND PASS, LOG UP TO TOP OF FLUID @ 1350FT, POOH, RIG DOWN LOGGERS,
23:30	00:00	0.50	PROD1	MOVE	RURD	P	RIG DOWN RIG AND PREP TO MOVE, RELEASE RIG @ 0000HRS 10.25.05,
<b>Mud Data</b>							
<b>Type</b>	<b>Temp Bottom Hole (°F)</b>	<b>Depth (ftKB)</b>	<b>Density (lb/gal)</b>	<b>Funnel Viscosity (s/qt)</b>	<b>PV Override (cp)</b>	<b>YP Override (lb/100ft²)</b>	
Filter Cake (/32")	pH	Pf (mL/mL)	Mf (mL/mL)	Sand (%)	Low Gravity Solids (%)	High Gravity Solids (%)	
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Gel 30 min (lb/100ft²)	Lime (lb/bbl)	Mud Lost to Hole (bbl)	Solids (%)	Oil Water Ratio	
<b>Support Vessels</b>							
<b>Type</b>	<b>Vessel Name</b>	<b>Note</b>				<b>Time</b>	<b>Time</b>
<b>WEATHER</b>							
<b>Time</b>	<b>Comment</b>						
<b>Temperature - High (°F)</b>	<b>Temperature - Low (°F)</b>	<b>Visibility (miles)</b>	<b>Ceiling (ft)</b>	<b>Wind Speed (knots)</b>	<b>Wind Direction (°)</b>		
<b>Current Speed (knots)</b>	<b>Current Direction (°)</b>	<b>Wave Height (ft)</b>	<b>Wave Direction (°)</b>	<b>Wave Period (s)</b>	<b>Swell Height (ft)</b>		
<b>Heave (ft)</b>	<b>Pitch (°)</b>	<b>Roll (°)</b>	<b>Vessel Offset (ft)</b>	<b>Vessel Heading (°)</b>			
<b>Riser Tension (kips)</b>							
<b>Daily Contacts</b>							
<b>Job Contact</b>				<b>Position</b>			
SHIRLEY LLOYD				Drilling Supv			
<b>Head Count (POB)</b>							
<b>Carry Fwd?</b>	<b>Company</b>	<b>Type</b>	<b>Count</b>	<b>OT (hrs)</b>	<b>Reg (hrs)</b>	<b>Note</b>	
True	PENSE BRS. DRILLING	Contractor	9		14.00		
True	CONOCOPHILLIPS CO	Operator	1		24.00		
True	NELCO CONTRACTORS, INC.	Contractor	5		6.00		
True	HALLIBURTON	Contractor	4		3.00		

**Report Date - 10/24/2005 to 10/25/2005**

**STOP Cards Submitted**

Company

No. Rpts

Comment

Report Date - 10/25/2005 to 10/26/2005

### Operations at Report Time

WAITING ON DAYLIGHT

### 24hr Forecast

RIG DOWN MOVE OFF

### Last 24hr Summary

MOB NWS RIG 1111 T/ UTAH 19-904, RIG UP RUN 5.5" PROD CASING.

### Remarks

NO INCIDENTS REPORTED

Days RI (days)	Days LTI (days)	Weather	Temperature (°F)	Wind
41.00	41.00			

### Time Log

Time	Time	Dur (hrs)	Phase	Op Code	Op Sub-Code	Tribl Code	Comment
07:30	08:00	0.50	PROD1	MOVE	SFTY	P	SAFETY MEETING ON RIGGING DOWN.
08:00	12:00	4.00	PROD1	MOVE	MOB	P	MOB RIG TO UTAH 19-904, AND RIG UP NWS RIG: 1111
12:00	15:00	3.00	PROD1	CASING	RNCS	P	RUN 5 1/2" CASING. RUN 54 JOINTS OF 5 1/2", 17 PPF LTC N-80, SHOE @ 2227.1', TOP OF MARKER JOINT 14 @ 1655.8', TOP OF DV TOOL @ 1366.6'.
15:00	21:00	6.00	PROD1	MOVE	WOP	NP	WAITING ON HES
21:00	23:00	2.00	PROD1	CEMENT	CIRC	P	PRE JOB SAFETY MEETING, RIGGED UP HES, PRESSURE TESTED THE CEMENTING LINES TO 3000 PSI, PUMPED 150 BBLS 2% KCL WATER INCLUDING 20 BBLS SPACER WITH 5 LBS/BBL BENTONITE, NO RETURN, PUMPED 160 SX STANDARD CEMENT WITH 10% Cal Seal 60, 1% Calcium Chloride AND 0.25 LB/SK Flocele WITH SLURRY DENSITY OF 14.2 PPG AND SLURRY VOLUME OF 45.9 BBLS. DROPPED THE PLUG AND DISPLACED WITH 51.8 BBLS OF 2% KCL WATER, BUMPED THE PLUG WITH 1250 PSI PRESSURE, DROPPED THE BOMB AND WAITED 15 MINUTES, OPENED THE DV TOOL WITH 500 PSI, RETURN IN FLOW LINE, SWITCHED TO RIG PUMP AND STARTED CIRCULATING WITH 2 BBL / MIN WHILE WOC.
23:00	03:00	4.00	PROD1	CEMENT	WOC	P	WOC
03:00	05:00	2.00	PROD1	CEMENT	CIRC	P	PUMP SECOND STAGE OF CEMENT, PUMPED 160 SX 50/50 Poz CEMENT, 0.8% BENTONITE, 10% Cal Seal 60, 0.25 LB/SK Flocele, WITH SLURRY DENSITY OF 12.5 PPG AND SLURRY VOLUME OF 56.4 BBLS, RELEASED THE WIPER PLUG AND DISPLACED THE CASING TO DV TOOL WITH 31.8 BBLS OF 2% KCL WATER, CLOSED THE DV TOOL WITH 2000 PSI. SECURE WELL SHUT DOWN FOR EVENING.

### Mud Data

Type	Temp Bottom Hole (°F)	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cp)	YP Override (lb/100ft²)
Filter Cake (/32")	pH	Pf (mL/mL)	Mf (mL/mL)	Sand (%)	Low Gravity Solids (%)	High Gravity Solids (%)
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Gel 30 min (lb/100ft²)	Lime (lb/bbl)	Mud Lost to Hole (bbl)	Solids (%)	Oil Water Ratio

### Support Vessels

Type	Vessel Name	Note	Time	Time

### WEATHER

Time	Comment
Temperature - High (°F)	Temperature - Low (°F)
Current Speed (knots)	Current Direction (°)
Wave Height (ft)	Wave Direction (°)
Wave Period (s)	Swell Height (ft)
Heave (ft)	Pitch (°)
Roll (°)	Vessel Offset (ft)
Vessel Heading (°)	

Riser Tension (kips)

### Daily Contacts

Job Contact	Position
LOFTIN, BRIAN	Drilling Supv

### Head Count (POB)

Carry Fwd?	Company	Type	Count	OT (hrs)	Reg (hrs)	Note
True	NABORS WELL SERVICE	Contractor	5		56.00	

Report Date - 10/25/2005 to 10/26/2005

### Head Count (POB)

Canv Fwd?	Company	Type	Count	OT (hrs)	Reg (hrs)	Note
True	CONOCOPHILLIPS CO	Operator	2		24.00	
True	NELCO CONTRACTORS, INC.	Contractor	2		8.00	
True	HALLIBURTON	Contractor	4		42.00	

### STOP Cards Submitted

Company	No. Rpts	Comment



Report Date - 10/26/2005 to 10/27/2005

### Operations at Report Time

### 24hr Forecast

### Last 24hr Summary

### Remarks

Days RI (days)	Days LTI (days)	Weather	Temperature (°F)	Wind
42.00	42.00			

### Time Log

Time	Time	Dur (hrs)	Phase	Op Code	Op Sub-Code	Trbl Code	Comment

### Mud Data

Type	Temp Bottom Hole (°F)	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cp)	YP Override (lb/100ft²)
Filter Cake (/32")	pH	Pf (mL/mL)	Mf (mL/mL)	Sand (%)	Low Gravity Solids (%)	High Gravity Solids (%)
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Gel 30 min (lb/100ft²)	Lime (lb/bbl)	Mud Lost to Hole (bbl)	Solids (%)	Oil Water Ratio

### Support Vessels

Type	Vessel Name	Note	Time	Time

### WEATHER

Time	Comment
Temperature - High (°F)	Temperature - Low (°F)
Visibility (miles)	Clouding (ft)
Wind Speed (knots)	Wind Direction (°)
Current Speed (knots)	Current Direction (°)
Wave Height (ft)	Wave Direction (°)
Wave Period (s)	Swell Height (ft)
Heave (ft)	Pitch (°)
Roll (°)	Vessel Offset (ft)
Vessel Heading (°)	

### Riser Tension (klps)

### Daily Contacts

Job Contact	Position
LOFTIN, BRIAN	Drilling Supv

### Head Count (POB)

Carry Fwd?	Company	Type	Count	OT (hrs)	Reg (hrs)	Note
True	NABORS WELL SERVICE	Contractor	5		56.00	
True	CONOCOPHILLIPS CO	Operator	2		24.00	
True	NELCO CONTRACTORS, INC.	Contractor	2		8.00	
True	HALLIBURTON	Contractor	4		42.00	

### STOP Cards Submitted

Company	No. Rpts	Comment

Report Date - 11/1/2005 to 11/1/2005

Operations at Report Time  
DRILLED OUT STAGE TOOLS

24hr Forecast  
MOVE TO 902

Last 24hr Summary

MOVED THE RIG FROM 647 TO 904, RIGGED UP, N/D B SECTION, N/U BOP AND TESTED THE SAME TO 1000 PSI, R/U PUMP TO CIRCULATE, R/U FLOOR AND TUBING EQUIPMENT, P/U ROCK BIT AND 6 JOINTS D.COLLARS, RIH TO 1364.40' WITH 38 JOINTS 2 7/8, DRILLED OUT D.V. TOOL, CBU, RIH TO TD @ 2,227, CBU, POOH, L/D WORK STRING & BHA, SECURED THE WELL AND SHUTDOWN FOR THE NIGHT.

Remarks

NO INCIDENTS REPORTED

Days RI (days)	Days LTI (days)	Weather	Temperature (°F)	Wind
43.00	43.00			

### Time Log

Time	Time	Dur (hrs)	Phase	Op Code	Op Sub-Code	Trbl Code	Comment
06:00	18:00	12.00	PROD1	DRILL	OTHR	P	MOVED THE RIG FROM 647 TO 904, CONDUCTED SAFETY MEETING AND JSA. RIGGED UP, N/D B SECTION, N/U BOP AND TESTED THE SAME TO 1000 PSI, R/U PUMP TO CIRCULATE, R/U FLOOR AND TUBING EQUIPMENT, P/U ROCK BIT AND 6 JOINTS D.COLLARS, RIH TO 1364.40' WITH 38 JOINTS 2 7/8, DRILLED OUT D.V. TOOL, CBU, RIH TO TD @ 2,227, CBU, POOH, L/D WORK STRING & BHA, SECURED THE WELL AND SHUTDOWN FOR THE NIGHT.

### Mud Data

Type	Temp Bottom Hole (°F)	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cp)	YP Override (lb/100ft²)
Filter Cake (/32")	pH	Pf (mL/mL)	Mf (mL/mL)	Sand (%)	Low Gravity Solids (%)	High Gravity Solids (%)
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Gel 30 min (lb/100ft²)	Lime (lb/bbl)	Mud Lost to Hole (bbl)	Solids (%)	Oil Water Ratio

### Support Vessels

Type	Vessel Name	Note	Time	Time

### WEATHER

Time		Comment				
Temperature - High (°F)	Temperature - Low (°F)	Visibility (miles)	Ceiling (ft)	Wind Speed (knots)	Wind Direction (°)	
Current Speed (knots)	Current Direction (°)	Wave Height (ft)	Wave Direction (°)	Wave Period (s)	Swell Height (ft)	
Heave (ft)		Pitch (°)	Roll (°)		Vessel Offset (ft)	Vessel Heading (°)

Riser Tension (klps)

### Daily Contacts

Job Contact	Position
LOFTIN, BRIAN	Drilling Supv

### Head Count (POB)

Carry Fwd?	Company	Type	Count	OT (hrs)	Reg (hrs)	Note
True	NABORS WELL SERVICE	Contractor	5		60.00	
True	CONOCOPHILLIPS CO	Operator	1		12.00	
True	NELCO CONTRACTORS, INC.	Contractor	2		3.00	
True	HALLIBURTON	Contractor	4		0.00	

### STOP Cards Submitted

Company	No. Rpts	Comment

CONFIDENTIAL

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8  
(highlight changes)

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	OTHER _____
b. TYPE OF WORK:		NEW WELL <input checked="" type="checkbox"/>	HORIZ. LATS. <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	RE-ENTRY <input type="checkbox"/>
			DIFF. RESVR. <input type="checkbox"/>	OTHER _____	
2. NAME OF OPERATOR: <b>ConocoPhillips Company</b>					
3. ADDRESS OF OPERATOR: <b>P.O. Box 851</b> CITY <b>Price</b> STATE <b>UT</b> ZIP <b>84501</b>				PHONE NUMBER: <b>(435) 613-9777</b>	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: <b>2482' FNL &amp; 2346' FWL</b>  AT TOP PRODUCING INTERVAL REPORTED BELOW: <b>2482' FNL &amp; 2346' FWL</b>  AT TOTAL DEPTH: <b>2482' FNL &amp; 2346' FWL</b>					
5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML-38666</b>					
6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>NA</b>					
7. UNIT or CA AGREEMENT NAME <b>Drunkards Wash UTU-67921X</b>					
8. WELL NAME and NUMBER: <b>Utah 18-904</b>					
9. API NUMBER: <b>4300731026</b>					
10 FIELD AND POOL, OR WILDCAT <b>Drunkards Wash</b>					
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SENW 18 T15 S10 E</b>					
12. COUNTY <b>CARBON</b>				13. STATE <b>UTAH</b>	

14. DATE SPUDDED: <b>10/23/2005</b>	15. DATE T.D. REACHED: <b>10/25/2005</b>	16. DATE COMPLETED: <b>2/15/2006</b>	ABANDONED <input type="checkbox"/>	READY TO PRODUCE <input checked="" type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL): <b>5667' GR</b>
18. TOTAL DEPTH: MD <b>2,255</b> TVD <b>2,255</b>	19. PLUG BACK T.D.: MD <b>2,227</b> TVD <b>2,227</b>	20. IF MULTIPLE COMPLETIONS, HOW MANY? *		21. DEPTH BRIDGE MD PLUG SET: TVD	
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)  <b>Dual Induction Guard Log Gamma Ray, Comp Density, Comp Neutron Gamma Ray, Cement Bond Log.</b>			23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit copy)		

### 24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
15	12-3/4	Conductor	0	22					
11	8-5/8 J-55	24#	0	412		G 180	38	surface CIR	
7-7/8	5-1/2 N-80	17#	0	2,227		poz 160	56		
						STAN 160	45	surface CIR	

### 25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	1,855							

26. PRODUCING INTERVALS <i>FRSD</i>					27. PERFORATION RECORD				
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
(A) Ferron Coal & Sar	1,658	1,780	1,658	1,780	1,658 1,780	.42	84	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>

### 28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
1658 - 1780'	.Sandpack of 151280 lbs, 1976 bbls of gel pads.

29. ENCLOSED ATTACHMENTS:	30. WELL STATUS:
<input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION <input type="checkbox"/> GEOLOGIC REPORT <input type="checkbox"/> CORE ANALYSIS <input type="checkbox"/> DST REPORT <input type="checkbox"/> OTHER: _____ <input type="checkbox"/> DIRECTIONAL SURVEY	Producing

**RECEIVED**

**MAR 31 2006**

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED: 3/20/2006	TEST DATE: 3/21/2006	HOURS TESTED: 0	TEST PRODUCTION RATES: →	OIL – BBL: 0	GAS – MCF: 0	WATER – BBL: 0	PROD. METHOD: pumping
CHOKE SIZE: n/a	TBG. PRESS. 30	CSG. PRESS. 50	API GRAVITY 0.00	BTU – GAS 0	GAS/OIL RATIO 0	24 HR PRODUCTION RATES: →	INTERVAL STATUS: on-line

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Blue Gate/Ferron	1,695	1,850	Coals and sandstones 1712'-1850'		

35. ADDITIONAL REMARKS (include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Jim Weaver

TITLE Uinta - Rockies Superintendent

SIGNATURE 

DATE 3/21/2006

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940